

LO: Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate

$$\begin{array}{r} 1638 \\ + 4711 \\ \hline \end{array}$$

$$\begin{array}{r} 4352 \\ + 2677 \\ \hline \end{array}$$

$$\begin{array}{r} 1136 \\ + 4808 \\ \hline \end{array}$$

$$\begin{array}{r} 3458 \\ + 2399 \\ \hline \end{array}$$

$$\begin{array}{r} 9761 \\ + 6688 \\ \hline \end{array}$$

$$\begin{array}{r} 2275 \\ + 8165 \\ \hline \end{array}$$

$$\begin{array}{r} 9595 \\ + 7232 \\ \hline \end{array}$$

$$\begin{array}{r} 6851 \\ + 1250 \\ \hline \end{array}$$

$$\begin{array}{r} 6924 \\ + 7871 \\ \hline \end{array}$$

$$\begin{array}{r} 4167 \\ + 9228 \\ \hline \end{array}$$

$$\begin{array}{r} 8545 \\ + 4994 \\ \hline \end{array}$$

$$\begin{array}{r} 5239 \\ + 7871 \\ \hline \end{array}$$

$$\begin{array}{r} 9325 \\ + 4253 \\ \hline \end{array}$$

$$\begin{array}{r} 1982 \\ + 2021 \\ \hline \end{array}$$

$$\begin{array}{r} 2160 \\ + 6536 \\ \hline \end{array}$$

$$\begin{array}{r} 4967 \\ + 5344 \\ \hline \end{array}$$

$$\begin{array}{r} 2823 \\ + 1601 \\ \hline \end{array}$$

$$\begin{array}{r} 9591 \\ + 6672 \\ \hline \end{array}$$

$$\begin{array}{r} 3272 \\ + 2190 \\ \hline \end{array}$$

$$\begin{array}{r} 4537 \\ + 1869 \\ \hline \end{array}$$

$$\begin{array}{r} 3826 \\ + 8981 \\ \hline \end{array}$$

$$\begin{array}{r} 8386 \\ + 1873 \\ \hline \end{array}$$

$$\begin{array}{r} 2381 \\ + 8359 \\ \hline \end{array}$$

$$\begin{array}{r} 6363 \\ + 5206 \\ \hline \end{array}$$

$$\begin{array}{r} 3287 \\ + 3974 \\ \hline \end{array}$$

$$\begin{array}{r} 8175 \\ + 6174 \\ \hline \end{array}$$

$$\begin{array}{r} 2327 \\ + 8545 \\ \hline \end{array}$$

$$\begin{array}{r} 5058 \\ + 3522 \\ \hline \end{array}$$

LO: Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate

$$\begin{array}{r} 1638 \\ + 4711 \\ \hline \end{array}$$

$$\underline{6349}$$

$$\begin{array}{r} 4352 \\ + 2677 \\ \hline \end{array}$$

$$\underline{7029}$$

$$\begin{array}{r} 1136 \\ + 4808 \\ \hline \end{array}$$

$$\underline{5944}$$

$$\begin{array}{r} 3458 \\ + 2399 \\ \hline \end{array}$$

$$\underline{5857}$$

$$\begin{array}{r} 9761 \\ + 6688 \\ \hline \end{array}$$

$$\underline{16449}$$

$$\begin{array}{r} 2275 \\ + 8165 \\ \hline \end{array}$$

$$\underline{10440}$$

$$\begin{array}{r} 9595 \\ + 7232 \\ \hline \end{array}$$

$$\underline{16827}$$

$$\begin{array}{r} 6851 \\ + 1250 \\ \hline \end{array}$$

$$\underline{8101}$$

$$\begin{array}{r} 6924 \\ + 7871 \\ \hline \end{array}$$

$$\underline{14795}$$

$$\begin{array}{r} 4167 \\ + 9228 \\ \hline \end{array}$$

$$\underline{13395}$$

$$\begin{array}{r} 8545 \\ + 4994 \\ \hline \end{array}$$

$$\underline{13539}$$

$$\begin{array}{r} 5239 \\ + 7871 \\ \hline \end{array}$$

$$\underline{13110}$$

$$\begin{array}{r} 9325 \\ + 4253 \\ \hline \end{array}$$

$$\underline{13578}$$

$$\begin{array}{r} 1982 \\ + 2021 \\ \hline \end{array}$$

$$\underline{4003}$$

$$\begin{array}{r} 2160 \\ + 6536 \\ \hline \end{array}$$

$$\underline{8696}$$

$$\begin{array}{r} 4967 \\ + 5344 \\ \hline \end{array}$$

$$\underline{10311}$$

$$\begin{array}{r} 2823 \\ + 1601 \\ \hline \end{array}$$

$$\underline{4424}$$

$$\begin{array}{r} 9591 \\ + 6672 \\ \hline \end{array}$$

$$\underline{16263}$$

$$\begin{array}{r} 3272 \\ + 2190 \\ \hline \end{array}$$

$$\underline{5462}$$

$$\begin{array}{r} 4537 \\ + 1869 \\ \hline \end{array}$$

$$\underline{6406}$$

$$\begin{array}{r} 3826 \\ + 8981 \\ \hline \end{array}$$

$$\underline{12807}$$

$$\begin{array}{r} 8386 \\ + 1873 \\ \hline \end{array}$$

$$\underline{10259}$$

$$\begin{array}{r} 2381 \\ + 8359 \\ \hline \end{array}$$

$$\underline{10740}$$

$$\begin{array}{r} 6363 \\ + 5206 \\ \hline \end{array}$$

$$\underline{11569}$$

$$\begin{array}{r} 3287 \\ + 3974 \\ \hline \end{array}$$

$$\underline{7261}$$

$$\begin{array}{r} 8175 \\ + 6174 \\ \hline \end{array}$$

$$\underline{14349}$$

$$\begin{array}{r} 2327 \\ + 8545 \\ \hline \end{array}$$

$$\underline{10872}$$

$$\begin{array}{r} 5058 \\ + 3522 \\ \hline \end{array}$$

$$\underline{8580}$$

LO: Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)

$$\begin{array}{r} 72394 \\ 62436 \\ \hline \end{array}$$

$$\begin{array}{r} 27947 \\ 3705 \\ \hline \end{array}$$

$$\begin{array}{r} 92981 \\ 79678 \\ \hline \end{array}$$

$$\begin{array}{r} 29100 \\ 8734 \\ \hline \end{array}$$

$$\begin{array}{r} 55964 \\ 44996 \\ \hline \end{array}$$

$$\begin{array}{r} 13799 \\ 5695 \\ \hline \end{array}$$

$$\begin{array}{r} 63100 \\ 27476 \\ \hline \end{array}$$

$$\begin{array}{r} 78232 \\ 11464 \\ \hline \end{array}$$

$$\begin{array}{r} 85621 \\ 4388 \\ \hline \end{array}$$

$$\begin{array}{r} 56740 \\ 28933 \\ \hline \end{array}$$

$$\begin{array}{r} 54932 \\ 31053 \\ \hline \end{array}$$

$$\begin{array}{r} 39099 \\ 3176 \\ \hline \end{array}$$

$$\begin{array}{r} 67703 \\ 21219 \\ \hline \end{array}$$

$$\begin{array}{r} 98938 \\ 7170 \\ \hline \end{array}$$

$$\begin{array}{r} 59493 \\ 27223 \\ \hline \end{array}$$

$$\begin{array}{r} 55485 \\ 9693 \\ \hline \end{array}$$

$$\begin{array}{r} 66297 \\ 32016 \\ \hline \end{array}$$

$$\begin{array}{r} 26292 \\ 15895 \\ \hline \end{array}$$

$$\begin{array}{r} 76116 \\ 32832 \\ \hline \end{array}$$

$$\begin{array}{r} 57310 \\ 29071 \\ \hline \end{array}$$

$$\begin{array}{r} 62446 \\ 27212 \\ \hline \end{array}$$

$$\begin{array}{r} 34917 \\ 24865 \\ \hline \end{array}$$

$$\begin{array}{r} 79882 \\ 58754 \\ \hline \end{array}$$

$$\begin{array}{r} 63829 \\ 47405 \\ \hline \end{array}$$

LO: Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)

$$\begin{array}{r} 72394 \\ 62436 \\ \hline 9958 \end{array}$$

$$\begin{array}{r} 27947 \\ 3705 \\ \hline 24242 \end{array}$$

$$\begin{array}{r} 92981 \\ 79678 \\ \hline 13303 \end{array}$$

$$\begin{array}{r} 29100 \\ 8734 \\ \hline 20366 \end{array}$$

$$\begin{array}{r} 55964 \\ 44996 \\ \hline 10968 \end{array}$$

$$\begin{array}{r} 13799 \\ 5695 \\ \hline 8104 \end{array}$$

$$\begin{array}{r} 63100 \\ 27476 \\ \hline 35624 \end{array}$$

$$\begin{array}{r} 78232 \\ 11464 \\ \hline 66768 \end{array}$$

$$\begin{array}{r} 85621 \\ 4388 \\ \hline 81233 \end{array}$$

$$\begin{array}{r} 56740 \\ 28933 \\ \hline 27807 \end{array}$$

$$\begin{array}{r} 54932 \\ 31053 \\ \hline 23879 \end{array}$$

$$\begin{array}{r} 39099 \\ 3176 \\ \hline 35923 \end{array}$$

$$\begin{array}{r} 67703 \\ 21219 \\ \hline 46484 \end{array}$$

$$\begin{array}{r} 98938 \\ 7170 \\ \hline 91768 \end{array}$$

$$\begin{array}{r} 59493 \\ 27223 \\ \hline 32270 \end{array}$$

$$\begin{array}{r} 55485 \\ 9693 \\ \hline 45792 \end{array}$$

$$\begin{array}{r} 66297 \\ 32016 \\ \hline 34281 \end{array}$$

$$\begin{array}{r} 26292 \\ 15895 \\ \hline 10397 \end{array}$$

$$\begin{array}{r} 76116 \\ 32832 \\ \hline 43284 \end{array}$$

$$\begin{array}{r} 57310 \\ 29071 \\ \hline 28239 \end{array}$$

$$\begin{array}{r} 62446 \\ 27212 \\ \hline 35234 \end{array}$$

$$\begin{array}{r} 34917 \\ 24865 \\ \hline 10052 \end{array}$$

$$\begin{array}{r} 79882 \\ 58754 \\ \hline 21128 \end{array}$$

$$\begin{array}{r} 63829 \\ 47405 \\ \hline 16424 \end{array}$$

LO: Multiply and divide numbers mentally, drawing upon known facts

$20 \times 90 =$

$90 \times 30 =$

$90 \times 50 =$

$20 \times 70 =$

$30 \times 70 =$

$30 \times 90 =$

$70 \times 90 =$

$90 \times 40 =$

$90 \times 60 =$

$90 \times 80 =$

$50 \times 50 =$

$10 \times 60 =$

$50 \times 90 =$

$90 \times 40 =$

$20 \times 30 =$

$10 \times 10 =$

$90 \times 50 =$

$50 \times 40 =$

$40 \times 70 =$

$50 \times 10 =$

$10 \times 40 =$

$60 \times 20 =$

$50 \times 20 =$

$50 \times 10 =$

$10 \times 50 =$

$30 \times 20 =$

$90 \times 10 =$

$90 \times 80 =$

$40 \times 70 =$

$10 \times 80 =$

$10 \times 60 =$

$30 \times 90 =$

$20 \times 50 =$

$70 \times 90 =$

$20 \times 50 =$

$30 \times 10 =$

$50 \times 70 =$

$80 \times 60 =$

$80 \times 20 =$

LO: Multiply and divide numbers mentally, drawing upon known facts

$20 \times 90 = 1800$

$90 \times 30 = 2700$

$90 \times 50 = 4500$

$20 \times 70 = 1400$

$30 \times 70 = 2100$

$30 \times 90 = 2700$

$70 \times 90 = 6300$

$90 \times 40 = 3600$

$90 \times 60 = 5400$

$90 \times 80 = 7200$

$50 \times 50 = 2500$

$10 \times 60 = 600$

$50 \times 90 = 4500$

$90 \times 40 = 3600$

$20 \times 30 = 600$

$10 \times 10 = 100$

$90 \times 50 = 4500$

$50 \times 40 = 2000$

$40 \times 70 = 2800$

$50 \times 10 = 500$

$10 \times 40 = 400$

$60 \times 20 = 1200$

$50 \times 20 = 1000$

$50 \times 10 = 500$

$10 \times 50 = 500$

$30 \times 20 = 600$

$90 \times 10 = 900$

$90 \times 80 = 7200$

$40 \times 70 = 2800$

$10 \times 80 = 800$

$10 \times 60 = 600$

$30 \times 90 = 2700$

$20 \times 50 = 1000$

$70 \times 90 = 6300$

$20 \times 50 = 1000$

$30 \times 10 = 300$

$50 \times 70 = 3500$

$80 \times 60 = 4800$

$80 \times 20 = 1600$

LO: Multiply and divide numbers mentally, drawing upon known facts

$4 \times 0.8 = \boxed{}$

$0.2 \times 8 = \boxed{}$

$9 \times 0.5 = \boxed{}$

$0.2 \times 6 = \boxed{}$

$6 \times 0.1 = \boxed{}$

$0.7 \times 1 = \boxed{}$

$1 \times 0.9 = \boxed{}$

$0.5 \times 6 = \boxed{}$

$7 \times 0.1 = \boxed{}$

$0.3 \times 5 = \boxed{}$

$1 \times 0.3 = \boxed{}$

$0.5 \times 6 = \boxed{}$

$2 \times 0.4 = \boxed{}$

$0.3 \times 7 = \boxed{}$

$5 \times 0.6 = \boxed{}$

$0.8 \times 3 = \boxed{}$

$8 \times 0.1 = \boxed{}$

$0.6 \times 8 = \boxed{}$

$4 \times 0.7 = \boxed{}$

$0.6 \times 2 = \boxed{}$

$2 \times 0.3 = \boxed{}$

$0.8 \times 6 = \boxed{}$

$8 \times 0.9 = \boxed{}$

$0.2 \times 9 = \boxed{}$

$7 \times 0.6 = \boxed{}$

$0.5 \times 6 = \boxed{}$

$7 \times 0.8 = \boxed{}$

$0.4 \times 2 = \boxed{}$

$4 \times 0.2 = \boxed{}$

$0.2 \times 3 = \boxed{}$

$8 \times 0.5 = \boxed{}$

$0.2 \times 8 = \boxed{}$

$9 \times 0.8 = \boxed{}$

$0.2 \times 2 = \boxed{}$

$4 \times 0.7 = \boxed{}$

$0.8 \times 2 = \boxed{}$

$4 \times 0.2 = \boxed{}$

$0.6 \times 5 = \boxed{}$

$6 \times 0.1 = \boxed{}$

LO: Multiply and divide numbers mentally, drawing upon known facts

$4 \times 0.8 = 3.2$

$0.2 \times 8 = 1.6$

$9 \times 0.5 = 4.5$

$0.2 \times 6 = 1.2$

$6 \times 0.1 = 0.6$

$0.7 \times 1 = 0.7$

$1 \times 0.9 = 0.9$

$0.5 \times 6 = 3.0$

$7 \times 0.1 = 0.7$

$0.3 \times 5 = 1.5$

$1 \times 0.3 = 0.3$

$0.5 \times 6 = 3.0$

$2 \times 0.4 = 0.8$

$0.3 \times 7 = 2.1$

$5 \times 0.6 = 3.0$

$0.8 \times 3 = 2.4$

$8 \times 0.1 = 0.8$

$0.6 \times 8 = 4.8$

$4 \times 0.7 = 2.8$

$0.6 \times 2 = 1.2$

$2 \times 0.3 = 0.6$

$0.8 \times 6 = 4.8$

$8 \times 0.9 = 7.2$

$0.2 \times 9 = 1.8$

$7 \times 0.6 = 4.2$

$0.5 \times 6 = 3.0$

$7 \times 0.8 = 5.6$

$0.4 \times 2 = 0.8$

$4 \times 0.2 = 0.8$

$0.2 \times 3 = 0.6$

$8 \times 0.5 = 4.0$

$0.2 \times 8 = 1.6$

$9 \times 0.8 = 7.2$

$0.2 \times 2 = 0.4$

$4 \times 0.7 = 2.8$

$0.8 \times 2 = 1.6$

$4 \times 0.2 = 0.8$

$0.6 \times 5 = 3.0$

$6 \times 0.1 = 0.6$

LO: Multiply and divide numbers mentally, drawing upon known facts

$4 \times 4000 =$

$0.3 \times 90 =$

$5 \times 500 =$

$0.9 \times 9 =$

$4 \times 800 =$

$800 \times 6 =$

$7 \times 0.02 =$

$70 \times 2 =$

$2 \times 7000 =$

$0.3 \times 60 =$

$9 \times 0.08 =$

$500 \times 9 =$

$8 \times 7000 =$

$0.01 \times 4 =$

$6 \times 500 =$

$0.05 \times 3 =$

$7 \times 0.6 =$

$0.3 \times 8 =$

$9 \times 300 =$

$900 \times 20 =$

$1 \times 1000 =$

$0.8 \times 70 =$

$5 \times 0.03 =$

$70 \times 5 =$

$4 \times 0.3 =$

$100 \times 90 =$

$7 \times 6000 =$

$0.03 \times 8 =$

$3 \times 30 =$

$0.01 \times 10 =$

$7 \times 0.04 =$

$0.06 \times 4 =$

$9 \times 0.6 =$

$800 \times 5 =$

$9 \times 900 =$

$200 \times 4 =$

$2 \times 70 =$

$40 \times 70 =$

$1 \times 0.3 =$

LO: Multiply and divide numbers mentally, drawing upon known facts

$4 \times 4000 = 16000$

$0.3 \times 90 = 27$

$5 \times 500 = 2500$

$0.9 \times 9 = 8.1$

$4 \times 800 = 3200$

$800 \times 6 = 4800$

$7 \times 0.02 = 0.14$

$70 \times 2 = 140$

$2 \times 7000 = 14000$

$0.3 \times 60 = 18$

$9 \times 0.08 = 0.72$

$500 \times 9 = 4500$

$8 \times 7000 = 56000$

$0.01 \times 4 = 0.04$

$6 \times 500 = 3000$

$0.05 \times 3 = 0.15$

$7 \times 0.6 = 4.2$

$0.3 \times 8 = 2.4$

$9 \times 300 = 2700$

$900 \times 20 = 18000$

$1 \times 1000 = 1000$

$0.8 \times 70 = 56$

$5 \times 0.03 = 0.15$

$70 \times 5 = 350$

$4 \times 0.3 = 1.2$

$100 \times 90 = 9000$

$7 \times 6000 = 42000$

$0.03 \times 8 = 0.24$

$3 \times 30 = 90$

$0.01 \times 10 = 0.1$

$7 \times 0.04 = 0.28$

$0.06 \times 4 = 0.24$

$9 \times 0.6 = 5.4$

$800 \times 5 = 4000$

$9 \times 900 = 8100$

$200 \times 4 = 800$

$2 \times 70 = 140$

$40 \times 70 = 2800$

$1 \times 0.3 = 0.3$

LO: Multiply two-digit and three-digit numbers by a one-digit number using formal written layout

$$\begin{array}{r} 647 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} (8 \times 7) \\ + (8 \times 40) \\ + (8 \times 600) \\ \hline \end{array}$$

$$\begin{array}{r} 375 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} (8 \times 5) \\ + (8 \times 70) \\ + (8 \times 300) \\ \hline \end{array}$$

$$\begin{array}{r} 427 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} (3 \times 7) \\ + (3 \times 20) \\ + (3 \times 400) \\ \hline \end{array}$$

$$\begin{array}{r} 276 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} (8 \times 6) \\ + (8 \times 70) \\ + (8 \times 200) \\ \hline \end{array}$$

$$\begin{array}{r} 863 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} (2 \times 3) \\ + (2 \times 60) \\ + (2 \times 800) \\ \hline \end{array}$$

$$\begin{array}{r} 193 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} (2 \times 3) \\ + (2 \times 90) \\ + (2 \times 100) \\ \hline \end{array}$$

$$\begin{array}{r} 454 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} (7 \times 4) \\ + (7 \times 50) \\ + (7 \times 400) \\ \hline \end{array}$$

$$\begin{array}{r} 162 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} (8 \times 2) \\ + (8 \times 60) \\ + (8 \times 100) \\ \hline \end{array}$$

$$\begin{array}{r} 384 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} (3 \times 4) \\ + (3 \times 80) \\ + (3 \times 300) \\ \hline \end{array}$$

$$\begin{array}{r} 434 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} (4 \times 4) \\ + (4 \times 30) \\ + (4 \times 400) \\ \hline \end{array}$$

$$\begin{array}{r} 539 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} (5 \times 9) \\ + (5 \times 30) \\ + (5 \times 500) \\ \hline \end{array}$$

$$\begin{array}{r} 125 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} (3 \times 5) \\ + (3 \times 20) \\ + (3 \times 100) \\ \hline \end{array}$$

LO: Multiply two-digit and three-digit numbers by a one-digit number using formal written layout

$$\begin{array}{r} 647 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ + (8 \times 7) \\ 320 \\ + (8 \times 40) \\ 4800 \\ + (8 \times 600) \\ \hline 5176 \end{array}$$

$$\begin{array}{r} 375 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ + (8 \times 5) \\ 560 \\ + (8 \times 70) \\ 2400 \\ + (8 \times 300) \\ \hline 3000 \end{array}$$

$$\begin{array}{r} 427 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ + (3 \times 7) \\ 60 \\ + (3 \times 20) \\ 1200 \\ + (3 \times 400) \\ \hline 1281 \end{array}$$

$$\begin{array}{r} 276 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ + (8 \times 6) \\ 560 \\ + (8 \times 70) \\ 1600 \\ + (8 \times 200) \\ \hline 2208 \end{array}$$

$$\begin{array}{r} 863 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + (2 \times 3) \\ 120 \\ + (2 \times 60) \\ 1600 \\ + (2 \times 800) \\ \hline 1726 \end{array}$$

$$\begin{array}{r} 193 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + (2 \times 3) \\ 180 \\ + (2 \times 90) \\ 200 \\ + (2 \times 100) \\ \hline 386 \end{array}$$

$$\begin{array}{r} 454 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ + (7 \times 4) \\ 350 \\ + (7 \times 50) \\ 2800 \\ + (7 \times 400) \\ \hline 3178 \end{array}$$

$$\begin{array}{r} 162 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ + (8 \times 2) \\ 480 \\ + (8 \times 60) \\ 800 \\ + (8 \times 100) \\ \hline 1296 \end{array}$$

$$\begin{array}{r} 384 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + (3 \times 4) \\ 240 \\ + (3 \times 80) \\ 900 \\ + (3 \times 300) \\ \hline 1152 \end{array}$$

$$\begin{array}{r} 434 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ + (4 \times 4) \\ 120 \\ + (4 \times 30) \\ 1600 \\ + (4 \times 400) \\ \hline 1736 \end{array}$$

$$\begin{array}{r} 539 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ + (5 \times 9) \\ 150 \\ + (5 \times 30) \\ 2500 \\ + (5 \times 500) \\ \hline 2695 \end{array}$$

$$\begin{array}{r} 125 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ + (3 \times 5) \\ 60 \\ + (3 \times 20) \\ 300 \\ + (3 \times 100) \\ \hline 375 \end{array}$$

LO: Multiply two-digit and three-digit numbers by a one-digit number using formal written layout

$$\begin{array}{r} 1528 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} (3 \times 8) \\ + (3 \times 20) \\ + (3 \times 500) \\ + (3 \times 1000) \\ \hline \end{array}$$

$$\begin{array}{r} 6475 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} (3 \times 5) \\ + (3 \times 70) \\ + (3 \times 400) \\ + (3 \times 6000) \\ \hline \end{array}$$

$$\begin{array}{r} 4892 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} (4 \times 2) \\ + (4 \times 90) \\ + (4 \times 800) \\ + (4 \times 4000) \\ \hline \end{array}$$

$$\begin{array}{r} 8998 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} (8 \times 8) \\ + (8 \times 90) \\ + (8 \times 900) \\ + (8 \times 8000) \\ \hline \end{array}$$

$$\begin{array}{r} 8816 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} (8 \times 6) \\ + (8 \times 10) \\ + (8 \times 800) \\ + (8 \times 8000) \\ \hline \end{array}$$

$$\begin{array}{r} 6715 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} (3 \times 5) \\ + (3 \times 10) \\ + (3 \times 700) \\ + (3 \times 6000) \\ \hline \end{array}$$

$$\begin{array}{r} 2725 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} (2 \times 5) \\ + (2 \times 20) \\ + (2 \times 700) \\ + (2 \times 2000) \\ \hline \end{array}$$

$$\begin{array}{r} 9889 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} (9 \times 9) \\ + (9 \times 80) \\ + (9 \times 800) \\ + (9 \times 9000) \\ \hline \end{array}$$

$$\begin{array}{r} 7632 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} (5 \times 2) \\ + (5 \times 30) \\ + (5 \times 600) \\ + (5 \times 7000) \\ \hline \end{array}$$

$$\begin{array}{r} 1164 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} (9 \times 4) \\ + (9 \times 60) \\ + (9 \times 100) \\ + (9 \times 1000) \\ \hline \end{array}$$

LO: Multiply two-digit and three-digit numbers by a one-digit number using formal written layout

$$\begin{array}{r} 1528 \\ \times 3 \\ \hline \end{array}$$

$$24 \quad (3 \times 8)$$

$$60 \quad (3 \times 20)$$

$$1500 \quad (3 \times 500)$$

$$3000 \quad (3 \times 1000)$$

$$4584$$

$$\begin{array}{r} 6475 \\ \times 3 \\ \hline \end{array}$$

$$15 \quad (3 \times 5)$$

$$210 \quad (3 \times 70)$$

$$1200 \quad (3 \times 400)$$

$$18000 \quad (3 \times 6000)$$

$$19425$$

$$\begin{array}{r} 4892 \\ \times 4 \\ \hline \end{array}$$

$$8 \quad (4 \times 2)$$

$$360 \quad (4 \times 90)$$

$$3200 \quad (4 \times 800)$$

$$16000 \quad (4 \times 4000)$$

$$19568$$

$$\begin{array}{r} 8998 \\ \times 8 \\ \hline \end{array}$$

$$64 \quad (8 \times 8)$$

$$720 \quad (8 \times 90)$$

$$7200 \quad (8 \times 900)$$

$$64000 \quad (8 \times 8000)$$

$$71984$$

$$\begin{array}{r} 8816 \\ \times 8 \\ \hline \end{array}$$

$$48 \quad (8 \times 6)$$

$$80 \quad (8 \times 10)$$

$$6400 \quad (8 \times 800)$$

$$64000 \quad (8 \times 8000)$$

$$70528$$

$$\begin{array}{r} 6715 \\ \times 3 \\ \hline \end{array}$$

$$15 \quad (3 \times 5)$$

$$30 \quad (3 \times 10)$$

$$2100 \quad (3 \times 700)$$

$$18000 \quad (3 \times 6000)$$

$$20145$$

$$\begin{array}{r} 2725 \\ \times 2 \\ \hline \end{array}$$

$$10 \quad (2 \times 5)$$

$$40 \quad (2 \times 20)$$

$$1400 \quad (2 \times 700)$$

$$4000 \quad (2 \times 2000)$$

$$5450$$

$$\begin{array}{r} 9889 \\ \times 9 \\ \hline \end{array}$$

$$81 \quad (9 \times 9)$$

$$720 \quad (9 \times 80)$$

$$7200 \quad (9 \times 800)$$

$$81000 \quad (9 \times 9000)$$

$$89001$$

$$\begin{array}{r} 7632 \\ \times 5 \\ \hline \end{array}$$

$$10 \quad (5 \times 2)$$

$$150 \quad (5 \times 30)$$

$$3000 \quad (5 \times 600)$$

$$35000 \quad (5 \times 7000)$$

$$38160$$

$$\begin{array}{r} 1164 \\ \times 9 \\ \hline \end{array}$$

$$36 \quad (9 \times 4)$$

$$540 \quad (9 \times 60)$$

$$900 \quad (9 \times 100)$$

$$9000 \quad (9 \times 1000)$$

$$10476$$

LO: Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers

$$\begin{array}{r} 316 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 917 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 188 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 662 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 838 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 392 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 516 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 725 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 881 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 116 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 629 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 359 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 847 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 129 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 642 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 323 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 864 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 132 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 977 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 627 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 675 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 653 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 614 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 854 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 516 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 594 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 874 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 784 \\ \times 6 \\ \hline \end{array}$$

LO: Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers

$$\begin{array}{r} 316 \\ \times 3 \\ \hline \end{array}$$

$$948$$

$$\begin{array}{r} 917 \\ \times 7 \\ \hline \end{array}$$

$$6419$$

$$\begin{array}{r} 188 \\ \times 3 \\ \hline \end{array}$$

$$564$$

$$\begin{array}{r} 662 \\ \times 9 \\ \hline \end{array}$$

$$5958$$

$$\begin{array}{r} 838 \\ \times 6 \\ \hline \end{array}$$

$$5028$$

$$\begin{array}{r} 392 \\ \times 9 \\ \hline \end{array}$$

$$3528$$

$$\begin{array}{r} 516 \\ \times 5 \\ \hline \end{array}$$

$$2580$$

$$\begin{array}{r} 725 \\ \times 4 \\ \hline \end{array}$$

$$2900$$

$$\begin{array}{r} 881 \\ \times 8 \\ \hline \end{array}$$

$$7048$$

$$\begin{array}{r} 116 \\ \times 6 \\ \hline \end{array}$$

$$696$$

$$\begin{array}{r} 629 \\ \times 2 \\ \hline \end{array}$$

$$1258$$

$$\begin{array}{r} 359 \\ \times 2 \\ \hline \end{array}$$

$$718$$

$$\begin{array}{r} 847 \\ \times 8 \\ \hline \end{array}$$

$$6776$$

$$\begin{array}{r} 129 \\ \times 6 \\ \hline \end{array}$$

$$774$$

$$\begin{array}{r} 642 \\ \times 3 \\ \hline \end{array}$$

$$1926$$

$$\begin{array}{r} 323 \\ \times 9 \\ \hline \end{array}$$

$$2907$$

$$\begin{array}{r} 864 \\ \times 8 \\ \hline \end{array}$$

$$6912$$

$$\begin{array}{r} 132 \\ \times 2 \\ \hline \end{array}$$

$$264$$

$$\begin{array}{r} 977 \\ \times 7 \\ \hline \end{array}$$

$$6839$$

$$\begin{array}{r} 627 \\ \times 8 \\ \hline \end{array}$$

$$5016$$

$$\begin{array}{r} 675 \\ \times 6 \\ \hline \end{array}$$

$$4050$$

$$\begin{array}{r} 653 \\ \times 2 \\ \hline \end{array}$$

$$1306$$

$$\begin{array}{r} 614 \\ \times 8 \\ \hline \end{array}$$

$$4912$$

$$\begin{array}{r} 854 \\ \times 5 \\ \hline \end{array}$$

$$4270$$

$$\begin{array}{r} 516 \\ \times 9 \\ \hline \end{array}$$

$$4644$$

$$\begin{array}{r} 594 \\ \times 8 \\ \hline \end{array}$$

$$4752$$

$$\begin{array}{r} 874 \\ \times 6 \\ \hline \end{array}$$

$$5244$$

$$\begin{array}{r} 784 \\ \times 6 \\ \hline \end{array}$$

$$4704$$

LO: Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers

$$\begin{array}{r} 43 \\ \times 24 \\ \hline \end{array}$$

+

$$\begin{array}{r} 49 \\ \times 86 \\ \hline \end{array}$$

+

$$\begin{array}{r} 93 \\ \times 96 \\ \hline \end{array}$$

+

$$\begin{array}{r} 24 \\ \times 27 \\ \hline \end{array}$$

+

$$\begin{array}{r} 64 \\ \times 37 \\ \hline \end{array}$$

+

$$\begin{array}{r} 86 \\ \times 42 \\ \hline \end{array}$$

+

$$\begin{array}{r} 12 \\ \times 66 \\ \hline \end{array}$$

+

$$\begin{array}{r} 51 \\ \times 29 \\ \hline \end{array}$$

+

$$\begin{array}{r} 89 \\ \times 56 \\ \hline \end{array}$$

+

$$\begin{array}{r} 67 \\ \times 93 \\ \hline \end{array}$$

+

$$\begin{array}{r} 87 \\ \times 87 \\ \hline \end{array}$$

+

$$\begin{array}{r} 27 \\ \times 47 \\ \hline \end{array}$$

+

$$\begin{array}{r} 59 \\ \times 76 \\ \hline \end{array}$$

+

$$\begin{array}{r} 17 \\ \times 18 \\ \hline \end{array}$$

+

$$\begin{array}{r} 91 \\ \times 75 \\ \hline \end{array}$$

+

$$\begin{array}{r} 47 \\ \times 24 \\ \hline \end{array}$$

+

$$\begin{array}{r} 42 \\ \times 28 \\ \hline \end{array}$$

+

$$\begin{array}{r} 17 \\ \times 16 \\ \hline \end{array}$$

+

$$\begin{array}{r} 61 \\ \times 88 \\ \hline \end{array}$$

+

$$\begin{array}{r} 23 \\ \times 97 \\ \hline \end{array}$$

+

LO: Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers

$$\begin{array}{r} 43 \\ \times 24 \\ \hline 72 \\ 960 \\ \hline 1032 \end{array}$$

$$\begin{array}{r} 49 \\ \times 86 \\ \hline 774 \\ 3440 \\ \hline 4214 \end{array}$$

$$\begin{array}{r} 93 \\ \times 96 \\ \hline 288 \\ 8640 \\ \hline 8928 \end{array}$$

$$\begin{array}{r} 24 \\ \times 27 \\ \hline 108 \\ 540 \\ \hline 648 \end{array}$$

$$\begin{array}{r} 64 \\ \times 37 \\ \hline 148 \\ 2220 \\ \hline 2368 \end{array}$$

$$\begin{array}{r} 86 \\ \times 42 \\ \hline 252 \\ 3360 \\ \hline 3612 \end{array}$$

$$\begin{array}{r} 12 \\ \times 66 \\ \hline 132 \\ 660 \\ \hline 792 \end{array}$$

$$\begin{array}{r} 51 \\ \times 29 \\ \hline 29 \\ 1450 \\ \hline 1479 \end{array}$$

$$\begin{array}{r} 89 \\ \times 56 \\ \hline 504 \\ 4480 \\ \hline 4984 \end{array}$$

$$\begin{array}{r} 67 \\ \times 93 \\ \hline 651 \\ 5580 \\ \hline 6231 \end{array}$$

$$\begin{array}{r} 87 \\ \times 87 \\ \hline 609 \\ 6960 \\ \hline 7569 \end{array}$$

$$\begin{array}{r} 27 \\ \times 47 \\ \hline 329 \\ 940 \\ \hline 1269 \end{array}$$

$$\begin{array}{r} 59 \\ \times 76 \\ \hline 684 \\ 3800 \\ \hline 4484 \end{array}$$

$$\begin{array}{r} 17 \\ \times 18 \\ \hline 126 \\ 180 \\ \hline 306 \end{array}$$

$$\begin{array}{r} 91 \\ \times 75 \\ \hline 75 \\ 6750 \\ \hline 6825 \end{array}$$

$$\begin{array}{r} 47 \\ \times 24 \\ \hline 168 \\ 960 \\ \hline 1128 \end{array}$$

$$\begin{array}{r} 42 \\ \times 28 \\ \hline 56 \\ 1120 \\ \hline 1176 \end{array}$$

$$\begin{array}{r} 17 \\ \times 16 \\ \hline 112 \\ 160 \\ \hline 272 \end{array}$$

$$\begin{array}{r} 61 \\ \times 88 \\ \hline 88 \\ 5280 \\ \hline 5368 \end{array}$$

$$\begin{array}{r} 23 \\ \times 97 \\ \hline 291 \\ 1940 \\ \hline 2231 \end{array}$$

LO: Multiply one-digit numbers with up to 2 decimal places by whole numbers

$$\begin{array}{r} 2.56 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 7.58 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3.76 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8.93 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2.99 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 1.28 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5.62 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7.84 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3.93 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4.74 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8.93 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5.15 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2.22 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8.48 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 1.85 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9.43 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 1.77 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2.69 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 7.62 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 8.74 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6.12 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3.59 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 2.87 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3.37 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4.94 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 3.28 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9.23 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 1.88 \\ \times 4 \\ \hline \end{array}$$

LO: Multiply one-digit numbers with up to 2 decimal places by whole numbers

$$\begin{array}{r} 2.56 \\ \times 5 \\ \hline \end{array}$$

$$12.80$$

$$\begin{array}{r} 7.58 \\ \times 6 \\ \hline \end{array}$$

$$45.48$$

$$\begin{array}{r} 3.76 \\ \times 2 \\ \hline \end{array}$$

$$7.52$$

$$\begin{array}{r} 8.93 \\ \times 5 \\ \hline \end{array}$$

$$44.65$$

$$\begin{array}{r} 2.99 \\ \times 2 \\ \hline \end{array}$$

$$5.98$$

$$\begin{array}{r} 1.28 \\ \times 2 \\ \hline \end{array}$$

$$2.56$$

$$\begin{array}{r} 5.62 \\ \times 8 \\ \hline \end{array}$$

$$44.96$$

$$\begin{array}{r} 7.84 \\ \times 4 \\ \hline \end{array}$$

$$31.36$$

$$\begin{array}{r} 3.93 \\ \times 4 \\ \hline \end{array}$$

$$15.72$$

$$\begin{array}{r} 4.74 \\ \times 2 \\ \hline \end{array}$$

$$9.48$$

$$\begin{array}{r} 8.93 \\ \times 7 \\ \hline \end{array}$$

$$62.51$$

$$\begin{array}{r} 5.15 \\ \times 8 \\ \hline \end{array}$$

$$41.20$$

$$\begin{array}{r} 2.22 \\ \times 5 \\ \hline \end{array}$$

$$11.10$$

$$\begin{array}{r} 8.48 \\ \times 4 \\ \hline \end{array}$$

$$33.92$$

$$\begin{array}{r} 1.85 \\ \times 9 \\ \hline \end{array}$$

$$16.65$$

$$\begin{array}{r} 9.43 \\ \times 2 \\ \hline \end{array}$$

$$18.86$$

$$\begin{array}{r} 1.77 \\ \times 3 \\ \hline \end{array}$$

$$5.31$$

$$\begin{array}{r} 2.69 \\ \times 5 \\ \hline \end{array}$$

$$13.45$$

$$\begin{array}{r} 7.62 \\ \times 4 \\ \hline \end{array}$$

$$30.48$$

$$\begin{array}{r} 8.74 \\ \times 8 \\ \hline \end{array}$$

$$69.92$$

$$\begin{array}{r} 6.12 \\ \times 9 \\ \hline \end{array}$$

$$55.08$$

$$\begin{array}{r} 3.59 \\ \times 7 \\ \hline \end{array}$$

$$25.13$$

$$\begin{array}{r} 2.87 \\ \times 3 \\ \hline \end{array}$$

$$8.61$$

$$\begin{array}{r} 3.37 \\ \times 9 \\ \hline \end{array}$$

$$30.33$$

$$\begin{array}{r} 4.94 \\ \times 8 \\ \hline \end{array}$$

$$39.52$$

$$\begin{array}{r} 3.28 \\ \times 5 \\ \hline \end{array}$$

$$16.40$$

$$\begin{array}{r} 9.23 \\ \times 3 \\ \hline \end{array}$$

$$27.69$$

$$\begin{array}{r} 1.88 \\ \times 4 \\ \hline \end{array}$$

$$7.52$$

LO: Use place value, known and derived facts to multiply and divide mentally, including remainders

$52 \div 6 = \quad R \quad$

$65 \div 9 = \quad R \quad$

$92 \div 8 = \quad R \quad$

$88 \div 8 = \quad R \quad$

$93 \div 6 = \quad R \quad$

$64 \div 9 = \quad R \quad$

$21 \div 8 = \quad R \quad$

$47 \div 6 = \quad R \quad$

$75 \div 7 = \quad R \quad$

$26 \div 5 = \quad R \quad$

$92 \div 6 = \quad R \quad$

$17 \div 3 = \quad R \quad$

$60 \div 4 = \quad R \quad$

$46 \div 9 = \quad R \quad$

$47 \div 11 = \quad R \quad$

$97 \div 5 = \quad R \quad$

$53 \div 10 = \quad R \quad$

$16 \div 6 = \quad R \quad$

$63 \div 12 = \quad R \quad$

$23 \div 5 = \quad R \quad$

$39 \div 4 = \quad R \quad$

$69 \div 7 = \quad R \quad$

$11 \div 7 = \quad R \quad$

$28 \div 8 = \quad R \quad$

$74 \div 5 = \quad R \quad$

$69 \div 3 = \quad R \quad$

$13 \div 8 = \quad R \quad$

$90 \div 3 = \quad R \quad$

$23 \div 3 = \quad R \quad$

$80 \div 3 = \quad R \quad$

$37 \div 6 = \quad R \quad$

$43 \div 3 = \quad R \quad$

$70 \div 9 = \quad R \quad$

$33 \div 3 = \quad R \quad$

$57 \div 5 = \quad R \quad$

$86 \div 7 = \quad R \quad$

$69 \div 8 = \quad R \quad$

$20 \div 3 = \quad R \quad$

$66 \div 7 = \quad R \quad$

$58 \div 5 = \quad R \quad$

$52 \div 4 = \quad R \quad$

$72 \div 8 = \quad R \quad$

LO: Use place value, known and derived facts to multiply and divide mentally, including remainders

$52 \div 6 = 8 \text{ R } 4$

$65 \div 9 = 7 \text{ R } 2$

$92 \div 8 = 11 \text{ R } 4$

$88 \div 8 = 11 \text{ R } 0$

$93 \div 6 = 15 \text{ R } 3$

$64 \div 9 = 7 \text{ R } 1$

$21 \div 8 = 2 \text{ R } 5$

$47 \div 6 = 7 \text{ R } 5$

$75 \div 7 = 10 \text{ R } 5$

$26 \div 5 = 5 \text{ R } 1$

$92 \div 6 = 15 \text{ R } 2$

$17 \div 3 = 5 \text{ R } 2$

$60 \div 4 = 15 \text{ R } 0$

$46 \div 9 = 5 \text{ R } 1$

$47 \div 11 = 4 \text{ R } 3$

$97 \div 5 = 19 \text{ R } 2$

$53 \div 10 = 5 \text{ R } 3$

$16 \div 6 = 2 \text{ R } 4$

$63 \div 12 = 5 \text{ R } 3$

$23 \div 5 = 4 \text{ R } 3$

$39 \div 4 = 9 \text{ R } 3$

$69 \div 7 = 9 \text{ R } 6$

$11 \div 7 = 1 \text{ R } 4$

$28 \div 8 = 3 \text{ R } 4$

$74 \div 5 = 14 \text{ R } 4$

$69 \div 3 = 23 \text{ R } 0$

$13 \div 8 = 1 \text{ R } 5$

$90 \div 3 = 30 \text{ R } 0$

$23 \div 3 = 7 \text{ R } 2$

$80 \div 3 = 26 \text{ R } 2$

$37 \div 6 = 6 \text{ R } 1$

$43 \div 3 = 14 \text{ R } 1$

$70 \div 9 = 7 \text{ R } 7$

$33 \div 3 = 11 \text{ R } 0$

$57 \div 5 = 11 \text{ R } 2$

$86 \div 7 = 12 \text{ R } 2$

$69 \div 8 = 8 \text{ R } 5$

$20 \div 3 = 6 \text{ R } 2$

$66 \div 7 = 9 \text{ R } 3$

$58 \div 5 = 11 \text{ R } 3$

$52 \div 4 = 13 \text{ R } 0$

$72 \div 8 = 9 \text{ R } 0$

LO: Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context

$$9 \overline{) 873}$$

$$5 \overline{) 460}$$

$$8 \overline{) 384}$$

$$6 \overline{) 306}$$

$$9 \overline{) 567}$$

$$7 \overline{) 280}$$

$$3 \overline{) 237}$$

$$7 \overline{) 371}$$

$$9 \overline{) 972}$$

$$9 \overline{) 819}$$

$$8 \overline{) 784}$$

$$7 \overline{) 483}$$

$$7 \overline{) 770}$$

$$8 \overline{) 808}$$

$$4 \overline{) 392}$$

$$6 \overline{) 246}$$

$$5 \overline{) 175}$$

$$3 \overline{) 147}$$

$$7 \overline{) 322}$$

$$4 \overline{) 328}$$

$$7 \overline{) 637}$$

$$6 \overline{) 462}$$

$$3 \overline{) 174}$$

$$9 \overline{) 999}$$

$$8 \overline{) 544}$$

$$9 \overline{) 792}$$

$$3 \overline{) 132}$$

$$5 \overline{) 215}$$

$$5 \overline{) 400}$$

$$5 \overline{) 290}$$

$$8 \overline{) 288}$$

$$4 \overline{) 440}$$

$$3 \overline{) 267}$$

$$3 \overline{) 189}$$

$$3 \overline{) 267}$$

$$7 \overline{) 595}$$

$$9 \overline{) 387}$$

$$4 \overline{) 224}$$

$$6 \overline{) 522}$$

$$6 \overline{) 528}$$

LO: Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context

$$\begin{array}{r} 097 \\ 9 \overline{) 873} \end{array}$$

$$\begin{array}{r} 092 \\ 5 \overline{) 460} \end{array}$$

$$\begin{array}{r} 048 \\ 8 \overline{) 384} \end{array}$$

$$\begin{array}{r} 051 \\ 6 \overline{) 306} \end{array}$$

$$\begin{array}{r} 063 \\ 9 \overline{) 567} \end{array}$$

$$\begin{array}{r} 040 \\ 7 \overline{) 280} \end{array}$$

$$\begin{array}{r} 079 \\ 3 \overline{) 237} \end{array}$$

$$\begin{array}{r} 053 \\ 7 \overline{) 371} \end{array}$$

$$\begin{array}{r} 108 \\ 9 \overline{) 972} \end{array}$$

$$\begin{array}{r} 091 \\ 9 \overline{) 819} \end{array}$$

$$\begin{array}{r} 098 \\ 8 \overline{) 784} \end{array}$$

$$\begin{array}{r} 069 \\ 7 \overline{) 483} \end{array}$$

$$\begin{array}{r} 110 \\ 7 \overline{) 770} \end{array}$$

$$\begin{array}{r} 101 \\ 8 \overline{) 808} \end{array}$$

$$\begin{array}{r} 098 \\ 4 \overline{) 392} \end{array}$$

$$\begin{array}{r} 041 \\ 6 \overline{) 246} \end{array}$$

$$\begin{array}{r} 035 \\ 5 \overline{) 175} \end{array}$$

$$\begin{array}{r} 049 \\ 3 \overline{) 147} \end{array}$$

$$\begin{array}{r} 046 \\ 7 \overline{) 322} \end{array}$$

$$\begin{array}{r} 082 \\ 4 \overline{) 328} \end{array}$$

$$\begin{array}{r} 091 \\ 7 \overline{) 637} \end{array}$$

$$\begin{array}{r} 077 \\ 6 \overline{) 462} \end{array}$$

$$\begin{array}{r} 058 \\ 3 \overline{) 174} \end{array}$$

$$\begin{array}{r} 111 \\ 9 \overline{) 999} \end{array}$$

$$\begin{array}{r} 068 \\ 8 \overline{) 544} \end{array}$$

$$\begin{array}{r} 088 \\ 9 \overline{) 792} \end{array}$$

$$\begin{array}{r} 044 \\ 3 \overline{) 132} \end{array}$$

$$\begin{array}{r} 043 \\ 5 \overline{) 215} \end{array}$$

$$\begin{array}{r} 080 \\ 5 \overline{) 400} \end{array}$$

$$\begin{array}{r} 058 \\ 5 \overline{) 290} \end{array}$$

$$\begin{array}{r} 036 \\ 8 \overline{) 288} \end{array}$$

$$\begin{array}{r} 110 \\ 4 \overline{) 440} \end{array}$$

$$\begin{array}{r} 089 \\ 3 \overline{) 267} \end{array}$$

$$\begin{array}{r} 063 \\ 3 \overline{) 189} \end{array}$$

$$\begin{array}{r} 089 \\ 3 \overline{) 267} \end{array}$$

$$\begin{array}{r} 085 \\ 7 \overline{) 595} \end{array}$$

$$\begin{array}{r} 043 \\ 9 \overline{) 387} \end{array}$$

$$\begin{array}{r} 056 \\ 4 \overline{) 224} \end{array}$$

$$\begin{array}{r} 087 \\ 6 \overline{) 522} \end{array}$$

$$\begin{array}{r} 088 \\ 6 \overline{) 528} \end{array}$$

LO: Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context

$$3 \overline{) 3213} \text{ r}$$

$$4 \overline{) 9743} \text{ r}$$

$$4 \overline{) 9639} \text{ r}$$

$$5 \overline{) 4922} \text{ r}$$

$$4 \overline{) 2451} \text{ r}$$

$$5 \overline{) 6094} \text{ r}$$

$$4 \overline{) 5721} \text{ r}$$

$$4 \overline{) 9878} \text{ r}$$

$$3 \overline{) 5434} \text{ r}$$

$$3 \overline{) 4368} \text{ r}$$

$$4 \overline{) 3254} \text{ r}$$

$$3 \overline{) 1140} \text{ r}$$

$$5 \overline{) 9364} \text{ r}$$

$$3 \overline{) 5526} \text{ r}$$

$$4 \overline{) 3130} \text{ r}$$

$$4 \overline{) 4591} \text{ r}$$

$$5 \overline{) 8494} \text{ r}$$

$$3 \overline{) 9921} \text{ r}$$

$$4 \overline{) 2207} \text{ r}$$

$$4 \overline{) 5091} \text{ r}$$

$$3 \overline{) 9780} \text{ r}$$

$$3 \overline{) 2536} \text{ r}$$

$$5 \overline{) 4226} \text{ r}$$

$$5 \overline{) 3077} \text{ r}$$

$$3 \overline{) 7864} \text{ r}$$

$$3 \overline{) 6605} \text{ r}$$

$$3 \overline{) 4738} \text{ r}$$

$$5 \overline{) 7722} \text{ r}$$

$$4 \overline{) 6120} \text{ r}$$

$$4 \overline{) 7956} \text{ r}$$

LO: Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context

$$\begin{array}{r} 1071 \text{ r} \\ 3 \overline{) 3213} \end{array}$$

$$\begin{array}{r} 2435 \text{ r} 3 \\ 4 \overline{) 9743} \end{array}$$

$$\begin{array}{r} 2409 \text{ r} 3 \\ 4 \overline{) 9639} \end{array}$$

$$\begin{array}{r} 0984 \text{ r} 2 \\ 5 \overline{) 4922} \end{array}$$

$$\begin{array}{r} 0612 \text{ r} 3 \\ 4 \overline{) 2451} \end{array}$$

$$\begin{array}{r} 1218 \text{ r} 4 \\ 5 \overline{) 6094} \end{array}$$

$$\begin{array}{r} 1430 \text{ r} 1 \\ 4 \overline{) 5721} \end{array}$$

$$\begin{array}{r} 2469 \text{ r} 2 \\ 4 \overline{) 9878} \end{array}$$

$$\begin{array}{r} 1811 \text{ r} 1 \\ 3 \overline{) 5434} \end{array}$$

$$\begin{array}{r} 1456 \text{ r} \\ 3 \overline{) 4368} \end{array}$$

$$\begin{array}{r} 0813 \text{ r} 2 \\ 4 \overline{) 3254} \end{array}$$

$$\begin{array}{r} 0380 \text{ r} \\ 3 \overline{) 1140} \end{array}$$

$$\begin{array}{r} 1872 \text{ r} 4 \\ 5 \overline{) 9364} \end{array}$$

$$\begin{array}{r} 1842 \text{ r} \\ 3 \overline{) 5526} \end{array}$$

$$\begin{array}{r} 0782 \text{ r} 2 \\ 4 \overline{) 3130} \end{array}$$

$$\begin{array}{r} 1147 \text{ r} 3 \\ 4 \overline{) 4591} \end{array}$$

$$\begin{array}{r} 1698 \text{ r} 4 \\ 5 \overline{) 8494} \end{array}$$

$$\begin{array}{r} 3307 \text{ r} \\ 3 \overline{) 9921} \end{array}$$

$$\begin{array}{r} 0551 \text{ r} 3 \\ 4 \overline{) 2207} \end{array}$$

$$\begin{array}{r} 1272 \text{ r} 3 \\ 4 \overline{) 5091} \end{array}$$

$$\begin{array}{r} 3260 \text{ r} \\ 3 \overline{) 9780} \end{array}$$

$$\begin{array}{r} 0845 \text{ r} 1 \\ 3 \overline{) 2536} \end{array}$$

$$\begin{array}{r} 0845 \text{ r} 1 \\ 5 \overline{) 4226} \end{array}$$

$$\begin{array}{r} 0615 \text{ r} 2 \\ 5 \overline{) 3077} \end{array}$$

$$\begin{array}{r} 2621 \text{ r} 1 \\ 3 \overline{) 7864} \end{array}$$

$$\begin{array}{r} 2201 \text{ r} 2 \\ 3 \overline{) 6605} \end{array}$$

$$\begin{array}{r} 1579 \text{ r} 1 \\ 3 \overline{) 4738} \end{array}$$

$$\begin{array}{r} 1544 \text{ r} 2 \\ 5 \overline{) 7722} \end{array}$$

$$\begin{array}{r} 1530 \text{ r} \\ 4 \overline{) 6120} \end{array}$$

$$\begin{array}{r} 1989 \text{ r} \\ 4 \overline{) 7956} \end{array}$$

LO: Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context

$$3 \overline{) 502}$$

$$5 \overline{) 985}$$

$$7 \overline{) 695}$$

$$4 \overline{) 398}$$

$$6 \overline{) 348}$$

$$3 \overline{) 306}$$

$$3 \overline{) 640}$$

$$9 \overline{) 665}$$

$$2 \overline{) 996}$$

$$8 \overline{) 664}$$

$$9 \overline{) 840}$$

$$4 \overline{) 984}$$

$$4 \overline{) 188}$$

$$4 \overline{) 493}$$

$$5 \overline{) 252}$$

$$8 \overline{) 359}$$

$$3 \overline{) 384}$$

$$3 \overline{) 745}$$

$$7 \overline{) 901}$$

$$7 \overline{) 251}$$

$$6 \overline{) 487}$$

$$4 \overline{) 171}$$

$$4 \overline{) 221}$$

$$2 \overline{) 805}$$

$$4 \overline{) 947}$$

$$6 \overline{) 526}$$

$$6 \overline{) 732}$$

$$7 \overline{) 899}$$

$$5 \overline{) 345}$$

$$2 \overline{) 283}$$

$$8 \overline{) 655}$$

$$7 \overline{) 893}$$

$$2 \overline{) 914}$$

$$7 \overline{) 208}$$

$$4 \overline{) 144}$$

$$5 \overline{) 884}$$

$$7 \overline{) 691}$$

$$9 \overline{) 321}$$

$$8 \overline{) 135}$$

$$2 \overline{) 725}$$

$$7 \overline{) 381}$$

$$4 \overline{) 501}$$

$$6 \overline{) 809}$$

$$4 \overline{) 204}$$

LO: Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context

$$\begin{array}{r} 167 \\ 3 \overline{) 502} \end{array} \frac{1}{3}$$

$$\begin{array}{r} 197 \\ 5 \overline{) 985} \end{array} -$$

$$\begin{array}{r} 099 \\ 7 \overline{) 695} \end{array} \frac{2}{7}$$

$$\begin{array}{r} 099 \\ 4 \overline{) 398} \end{array} \frac{2}{4}$$

$$\begin{array}{r} 058 \\ 6 \overline{) 348} \end{array} -$$

$$\begin{array}{r} 102 \\ 3 \overline{) 306} \end{array} -$$

$$\begin{array}{r} 213 \\ 3 \overline{) 640} \end{array} \frac{1}{3}$$

$$\begin{array}{r} 073 \\ 9 \overline{) 665} \end{array} \frac{8}{9}$$

$$\begin{array}{r} 498 \\ 2 \overline{) 996} \end{array} -$$

$$\begin{array}{r} 083 \\ 8 \overline{) 664} \end{array} -$$

$$\begin{array}{r} 093 \\ 9 \overline{) 840} \end{array} \frac{3}{9}$$

$$\begin{array}{r} 246 \\ 4 \overline{) 984} \end{array} -$$

$$\begin{array}{r} 047 \\ 4 \overline{) 188} \end{array} -$$

$$\begin{array}{r} 123 \\ 4 \overline{) 493} \end{array} \frac{1}{4}$$

$$\begin{array}{r} 050 \\ 5 \overline{) 252} \end{array} \frac{2}{5}$$

$$\begin{array}{r} 044 \\ 8 \overline{) 359} \end{array} \frac{7}{8}$$

$$\begin{array}{r} 128 \\ 3 \overline{) 384} \end{array} -$$

$$\begin{array}{r} 248 \\ 3 \overline{) 745} \end{array} \frac{1}{3}$$

$$\begin{array}{r} 128 \\ 7 \overline{) 901} \end{array} \frac{5}{7}$$

$$\begin{array}{r} 035 \\ 7 \overline{) 251} \end{array} \frac{6}{7}$$

$$\begin{array}{r} 081 \\ 6 \overline{) 487} \end{array} \frac{1}{6}$$

$$\begin{array}{r} 042 \\ 4 \overline{) 171} \end{array} \frac{3}{4}$$

$$\begin{array}{r} 055 \\ 4 \overline{) 221} \end{array} \frac{1}{4}$$

$$\begin{array}{r} 402 \\ 2 \overline{) 805} \end{array} \frac{1}{2}$$

$$\begin{array}{r} 236 \\ 4 \overline{) 947} \end{array} \frac{3}{4}$$

$$\begin{array}{r} 087 \\ 6 \overline{) 526} \end{array} \frac{4}{6}$$

$$\begin{array}{r} 122 \\ 6 \overline{) 732} \end{array} -$$

$$\begin{array}{r} 128 \\ 7 \overline{) 899} \end{array} \frac{3}{7}$$

$$\begin{array}{r} 069 \\ 5 \overline{) 345} \end{array} -$$

$$\begin{array}{r} 141 \\ 2 \overline{) 283} \end{array} \frac{1}{2}$$

$$\begin{array}{r} 081 \\ 8 \overline{) 655} \end{array} \frac{7}{8}$$

$$\begin{array}{r} 127 \\ 7 \overline{) 893} \end{array} \frac{4}{7}$$

$$\begin{array}{r} 457 \\ 2 \overline{) 914} \end{array} -$$

$$\begin{array}{r} 029 \\ 7 \overline{) 208} \end{array} \frac{5}{7}$$

$$\begin{array}{r} 036 \\ 4 \overline{) 144} \end{array} -$$

$$\begin{array}{r} 176 \\ 5 \overline{) 884} \end{array} \frac{4}{5}$$

$$\begin{array}{r} 098 \\ 7 \overline{) 691} \end{array} \frac{5}{7}$$

$$\begin{array}{r} 035 \\ 9 \overline{) 321} \end{array} \frac{6}{9}$$

$$\begin{array}{r} 016 \\ 8 \overline{) 135} \end{array} \frac{7}{8}$$

$$\begin{array}{r} 362 \\ 2 \overline{) 725} \end{array} \frac{1}{2}$$

$$\begin{array}{r} 054 \\ 7 \overline{) 381} \end{array} \frac{3}{7}$$

$$\begin{array}{r} 125 \\ 4 \overline{) 501} \end{array} \frac{1}{4}$$

$$\begin{array}{r} 134 \\ 6 \overline{) 809} \end{array} \frac{5}{6}$$

$$\begin{array}{r} 051 \\ 4 \overline{) 204} \end{array} -$$

LO: Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context

$$2 \overline{) 761}$$

$$2 \overline{) 529}$$

$$5 \overline{) 335}$$

$$5 \overline{) 877}$$

$$5 \overline{) 157}$$

$$2 \overline{) 919}$$

$$4 \overline{) 757}$$

$$5 \overline{) 821}$$

$$4 \overline{) 923}$$

$$5 \overline{) 917}$$

$$2 \overline{) 285}$$

$$5 \overline{) 859}$$

$$5 \overline{) 345}$$

$$4 \overline{) 159}$$

$$2 \overline{) 567}$$

$$4 \overline{) 235}$$

$$2 \overline{) 893}$$

$$2 \overline{) 713}$$

$$4 \overline{) 545}$$

$$5 \overline{) 843}$$

$$2 \overline{) 383}$$

$$2 \overline{) 153}$$

$$4 \overline{) 939}$$

$$5 \overline{) 187}$$

$$4 \overline{) 685}$$

$$5 \overline{) 469}$$

$$5 \overline{) 491}$$

$$2 \overline{) 581}$$

$$2 \overline{) 411}$$

$$5 \overline{) 609}$$

LO: Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context

$$\begin{array}{r} 380.50 \\ 2 \overline{) 761} \end{array}$$

$$\begin{array}{r} 264.50 \\ 2 \overline{) 529} \end{array}$$

$$\begin{array}{r} 067.00 \\ 5 \overline{) 335} \end{array}$$

$$\begin{array}{r} 175.40 \\ 5 \overline{) 877} \end{array}$$

$$\begin{array}{r} 031.40 \\ 5 \overline{) 157} \end{array}$$

$$\begin{array}{r} 459.50 \\ 2 \overline{) 919} \end{array}$$

$$\begin{array}{r} 189.25 \\ 4 \overline{) 757} \end{array}$$

$$\begin{array}{r} 164.20 \\ 5 \overline{) 821} \end{array}$$

$$\begin{array}{r} 230.75 \\ 4 \overline{) 923} \end{array}$$

$$\begin{array}{r} 183.40 \\ 5 \overline{) 917} \end{array}$$

$$\begin{array}{r} 142.50 \\ 2 \overline{) 285} \end{array}$$

$$\begin{array}{r} 171.80 \\ 5 \overline{) 859} \end{array}$$

$$\begin{array}{r} 069.00 \\ 5 \overline{) 345} \end{array}$$

$$\begin{array}{r} 039.75 \\ 4 \overline{) 159} \end{array}$$

$$\begin{array}{r} 283.50 \\ 2 \overline{) 567} \end{array}$$

$$\begin{array}{r} 058.75 \\ 4 \overline{) 235} \end{array}$$

$$\begin{array}{r} 446.50 \\ 2 \overline{) 893} \end{array}$$

$$\begin{array}{r} 356.50 \\ 2 \overline{) 713} \end{array}$$

$$\begin{array}{r} 136.25 \\ 4 \overline{) 545} \end{array}$$

$$\begin{array}{r} 168.60 \\ 5 \overline{) 843} \end{array}$$

$$\begin{array}{r} 191.50 \\ 2 \overline{) 383} \end{array}$$

$$\begin{array}{r} 076.50 \\ 2 \overline{) 153} \end{array}$$

$$\begin{array}{r} 234.75 \\ 4 \overline{) 939} \end{array}$$

$$\begin{array}{r} 037.40 \\ 5 \overline{) 187} \end{array}$$

$$\begin{array}{r} 171.25 \\ 4 \overline{) 685} \end{array}$$

$$\begin{array}{r} 093.80 \\ 5 \overline{) 469} \end{array}$$

$$\begin{array}{r} 098.20 \\ 5 \overline{) 491} \end{array}$$

$$\begin{array}{r} 290.50 \\ 2 \overline{) 581} \end{array}$$

$$\begin{array}{r} 205.50 \\ 2 \overline{) 411} \end{array}$$

$$\begin{array}{r} 121.80 \\ 5 \overline{) 609} \end{array}$$

LO: Divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context

$16 \overline{) 2256}$

$11 \overline{) 3608}$

$15 \overline{) 8265}$

$11 \overline{) 5676}$

$16 \overline{) 3360}$

$14 \overline{) 3220}$

$11 \overline{) 1518}$

$11 \overline{) 5269}$

$14 \overline{) 1932}$

$13 \overline{) 5343}$

$13 \overline{) 6331}$

$18 \overline{) 5130}$

$14 \overline{) 7602}$

$12 \overline{) 5136}$

$15 \overline{) 7170}$

$18 \overline{) 6822}$

$12 \overline{) 4932}$

$14 \overline{) 4130}$

$11 \overline{) 3707}$

$13 \overline{) 3185}$

$11 \overline{) 1606}$

$18 \overline{) 3636}$

$11 \overline{) 3707}$

$13 \overline{) 6318}$

$13 \overline{) 1950}$

$12 \overline{) 4068}$

$11 \overline{) 1221}$

$16 \overline{) 3952}$

$15 \overline{) 7260}$

$13 \overline{) 1651}$

$15 \overline{) 5085}$

$13 \overline{) 2860}$

$18 \overline{) 2124}$

$14 \overline{) 3388}$

$16 \overline{) 8240}$

$14 \overline{) 3220}$

$16 \overline{) 8176}$

$14 \overline{) 5796}$

$13 \overline{) 4017}$

$12 \overline{) 6336}$

LO: Divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context

$$\begin{array}{r} 0141 \\ 16 \overline{) 2256} \end{array}$$

$$\begin{array}{r} 0328 \\ 11 \overline{) 3608} \end{array}$$

$$\begin{array}{r} 0551 \\ 15 \overline{) 8265} \end{array}$$

$$\begin{array}{r} 0516 \\ 11 \overline{) 5676} \end{array}$$

$$\begin{array}{r} 0210 \\ 16 \overline{) 3360} \end{array}$$

$$\begin{array}{r} 0230 \\ 14 \overline{) 3220} \end{array}$$

$$\begin{array}{r} 0138 \\ 11 \overline{) 1518} \end{array}$$

$$\begin{array}{r} 0479 \\ 11 \overline{) 5269} \end{array}$$

$$\begin{array}{r} 0138 \\ 14 \overline{) 1932} \end{array}$$

$$\begin{array}{r} 0411 \\ 13 \overline{) 5343} \end{array}$$

$$\begin{array}{r} 0487 \\ 13 \overline{) 6331} \end{array}$$

$$\begin{array}{r} 0285 \\ 18 \overline{) 5130} \end{array}$$

$$\begin{array}{r} 0543 \\ 14 \overline{) 7602} \end{array}$$

$$\begin{array}{r} 0428 \\ 12 \overline{) 5136} \end{array}$$

$$\begin{array}{r} 0478 \\ 15 \overline{) 7170} \end{array}$$

$$\begin{array}{r} 0379 \\ 18 \overline{) 6822} \end{array}$$

$$\begin{array}{r} 0411 \\ 12 \overline{) 4932} \end{array}$$

$$\begin{array}{r} 0295 \\ 14 \overline{) 4130} \end{array}$$

$$\begin{array}{r} 0337 \\ 11 \overline{) 3707} \end{array}$$

$$\begin{array}{r} 0245 \\ 13 \overline{) 3185} \end{array}$$

$$\begin{array}{r} 0146 \\ 11 \overline{) 1606} \end{array}$$

$$\begin{array}{r} 0202 \\ 18 \overline{) 3636} \end{array}$$

$$\begin{array}{r} 0337 \\ 11 \overline{) 3707} \end{array}$$

$$\begin{array}{r} 0486 \\ 13 \overline{) 6318} \end{array}$$

$$\begin{array}{r} 0150 \\ 13 \overline{) 1950} \end{array}$$

$$\begin{array}{r} 0339 \\ 12 \overline{) 4068} \end{array}$$

$$\begin{array}{r} 0111 \\ 11 \overline{) 1221} \end{array}$$

$$\begin{array}{r} 0247 \\ 16 \overline{) 3952} \end{array}$$

$$\begin{array}{r} 0484 \\ 15 \overline{) 7260} \end{array}$$

$$\begin{array}{r} 0127 \\ 13 \overline{) 1651} \end{array}$$

$$\begin{array}{r} 0339 \\ 15 \overline{) 5085} \end{array}$$

$$\begin{array}{r} 0220 \\ 13 \overline{) 2860} \end{array}$$

$$\begin{array}{r} 0118 \\ 18 \overline{) 2124} \end{array}$$

$$\begin{array}{r} 0242 \\ 14 \overline{) 3388} \end{array}$$

$$\begin{array}{r} 0515 \\ 16 \overline{) 8240} \end{array}$$

$$\begin{array}{r} 0230 \\ 14 \overline{) 3220} \end{array}$$

$$\begin{array}{r} 0511 \\ 16 \overline{) 8176} \end{array}$$

$$\begin{array}{r} 0414 \\ 14 \overline{) 5796} \end{array}$$

$$\begin{array}{r} 0309 \\ 13 \overline{) 4017} \end{array}$$

$$\begin{array}{r} 0528 \\ 12 \overline{) 6336} \end{array}$$

LO: Round any number to the nearest 10, 100 or 1,000

Round these 4-digit numbers to the nearest 1000:

1838

→

7173

→

5306

→

1559

→

3426

→

1961

→

6653

→

3176

→

6687

→

5957

→

3023

→

2167

→

8162

→

2652

→

9864

→

3611

→

Round these 5-digit numbers to the nearest 1000:

74691

→

70345

→

65663

→

55622

→

72021

→

60125

→

34294

→

11413

→

45675

→

32879

→

23999

→

42369

→

86548

→

25195

→

77511

→

82537

→

Round these 6-digit numbers to the nearest 1000:

298008

→

880065

→

421189

→

955561

→

606731

→

915062

→

227047

→

604818

→

816377

→

776945

→

546665

→

831667

→

271091

→

749318

→

198306

→

980744

→

Round these random numbers to the nearest 1000:

5069

→

37393

→

579158

→

8347

→

67956

→

6625

→

228281

→

359436

→

335228

→

69024

→

3855

→

28243

→

2935

→

196618

→

19029

→

572029

→

17874

→

5754

→

801549

→

6916

→

LO: Round any number to the nearest 10, 100 or 1,000

Round these 4-digit numbers to the nearest 1000:

1838 → 2000

7173 → 7000

5306 → 5000

1559 → 2000

3426 → 3000

1961 → 2000

6653 → 7000

3176 → 3000

6687 → 7000

5957 → 6000

3023 → 3000

2167 → 2000

8162 → 8000

2652 → 3000

9864 → 10000

3611 → 4000

Round these 5-digit numbers to the nearest 1000:

74691 → 75000

70345 → 70000

65663 → 66000

55622 → 56000

72021 → 72000

60125 → 60000

34294 → 34000

11413 → 11000

45675 → 46000

32879 → 33000

23999 → 24000

42369 → 42000

86548 → 87000

25195 → 25000

77511 → 78000

82537 → 83000

Round these 6-digit numbers to the nearest 1000:

298008 → 298000

880065 → 880000

421189 → 421000

955561 → 956000

606731 → 607000

915062 → 915000

227047 → 227000

604818 → 605000

816377 → 816000

776945 → 777000

546665 → 547000

831667 → 832000

271091 → 271000

749318 → 749000

198306 → 198000

980744 → 981000

Round these random numbers to the nearest 1000:

5069 → 5000

37393 → 37000

579158 → 579000

8347 → 8000

67956 → 68000

6625 → 7000

228281 → 228000

359436 → 359000

335228 → 335000

69024 → 69000

3855 → 4000

28243 → 28000

2935 → 3000

196618 → 197000

19029 → 19000

572029 → 572000

17874 → 18000

5754 → 6000

801549 → 802000

6916 → 7000

LO: Round decimals with 1 decimal place to the nearest whole number

Round these numbers to the nearest whole number:

2.1 →

8.5 →

3.4 →

8.1 →

3.3 →

1.2 →

8.9 →

8.4 →

3.3 →

8.9 →

3.1 →

2.8 →

4.2 →

2.6 →

2.4 →

1.4 →

Round these numbers to the nearest whole number:

79.6 →

47.8 →

45.9 →

30.8 →

14.8 →

14.8 →

58.6 →

76.1 →

20.8 →

86.9 →

37.7 →

65.1 →

17.9 →

73.6 →

43.7 →

82.5 →

Round these numbers to the nearest whole number:

638.8 →

706.5 →

678.6 →

934.8 →

247.9 →

959.7 →

634.6 →

830.5 →

630.6 →

819.4 →

182.3 →

289.1 →

820.8 →

427.9 →

377.1 →

660.3 →

Round these numbers to the nearest whole number:

613.3 →

99.4 →

4.6 →

77.7 →

15.6 →

5.7 →

278.5 →

182.5 →

3.5 →

729.1 →

84.7 →

3.9 →

208.8 →

66.1 →

6.6 →

352.5 →

4.3 →

522.3 →

70.9 →

6.4 →

LO: Round decimals with 1 decimal place to the nearest whole number

Round these numbers to the nearest whole number:

$2.1 \rightarrow 2$

$8.5 \rightarrow 9$

$3.4 \rightarrow 3$

$8.1 \rightarrow 8$

$3.3 \rightarrow 3$

$1.2 \rightarrow 1$

$8.9 \rightarrow 9$

$8.4 \rightarrow 8$

$3.3 \rightarrow 3$

$8.9 \rightarrow 9$

$3.1 \rightarrow 3$

$2.8 \rightarrow 3$

$4.2 \rightarrow 4$

$2.6 \rightarrow 3$

$2.4 \rightarrow 2$

$1.4 \rightarrow 1$

Round these numbers to the nearest whole number:

$79.6 \rightarrow 80$

$47.8 \rightarrow 48$

$45.9 \rightarrow 46$

$30.8 \rightarrow 31$

$14.8 \rightarrow 15$

$14.8 \rightarrow 15$

$58.6 \rightarrow 59$

$76.1 \rightarrow 76$

$20.8 \rightarrow 21$

$86.9 \rightarrow 87$

$37.7 \rightarrow 38$

$65.1 \rightarrow 65$

$17.9 \rightarrow 18$

$73.6 \rightarrow 74$

$43.7 \rightarrow 44$

$82.5 \rightarrow 83$

Round these numbers to the nearest whole number:

$638.8 \rightarrow 639$

$706.5 \rightarrow 707$

$678.6 \rightarrow 679$

$934.8 \rightarrow 935$

$247.9 \rightarrow 248$

$959.7 \rightarrow 960$

$634.6 \rightarrow 635$

$830.5 \rightarrow 831$

$630.6 \rightarrow 631$

$819.4 \rightarrow 819$

$182.3 \rightarrow 182$

$289.1 \rightarrow 289$

$820.8 \rightarrow 821$

$427.9 \rightarrow 428$

$377.1 \rightarrow 377$

$660.3 \rightarrow 660$

Round these numbers to the nearest whole number:

$613.3 \rightarrow 613$

$99.4 \rightarrow 99$

$4.6 \rightarrow 5$

$77.7 \rightarrow 78$

$15.6 \rightarrow 16$

$5.7 \rightarrow 6$

$278.5 \rightarrow 279$

$182.5 \rightarrow 183$

$3.5 \rightarrow 4$

$729.1 \rightarrow 729$

$84.7 \rightarrow 85$

$3.9 \rightarrow 4$

$208.8 \rightarrow 209$

$66.1 \rightarrow 66$

$6.6 \rightarrow 7$

$352.5 \rightarrow 353$

$4.3 \rightarrow 4$

$522.3 \rightarrow 522$

$70.9 \rightarrow 71$

$6.4 \rightarrow 6$

LO: Round decimals with 2 decimal places to the nearest whole number and to 1 decimal place

Round these numbers to the nearest tenth:

0.73 →

0.13 →

0.74 →

0.71 →

0.73 →

0.26 →

0.61 →

0.15 →

0.59 →

0.71 →

0.14 →

0.29 →

0.18 →

0.21 →

0.16 →

0.22 →

Round these numbers to the nearest tenth:

4.89 →

3.96 →

3.79 →

9.55 →

9.39 →

9.37 →

5.48 →

1.08 →

1.72 →

1.02 →

1.71 →

8.97 →

8.52 →

1.99 →

4.38 →

6.97 →

Round these numbers to the nearest tenth:

52.54 →

43.59 →

72.87 →

56.24 →

58.96 →

89.29 →

68.11 →

64.59 →

71.14 →

77.64 →

93.71 →

96.12 →

33.49 →

50.15 →

72.17 →

97.94 →

Round these numbers to the nearest tenth:

46.35 →

4.17 →

0.69 →

5.11 →

43.92 →

0.44 →

68.62 →

42.75 →

0.83 →

17.02 →

3.52 →

0.87 →

64.19 →

2.69 →

0.27 →

10.38 →

6.41 →

21.35 →

7.06 →

4.53 →

LO: Round decimals with 1 decimal place to the nearest whole number

Round these numbers to the nearest tenth:

$0.73 \rightarrow 0.7$

$0.13 \rightarrow 0.1$

$0.74 \rightarrow 0.7$

$0.71 \rightarrow 0.7$

$0.73 \rightarrow 0.7$

$0.26 \rightarrow 0.3$

$0.61 \rightarrow 0.6$

$0.15 \rightarrow 0.2$

$0.59 \rightarrow 0.6$

$0.71 \rightarrow 0.7$

$0.14 \rightarrow 0.1$

$0.29 \rightarrow 0.3$

$0.18 \rightarrow 0.2$

$0.21 \rightarrow 0.2$

$0.16 \rightarrow 0.2$

$0.22 \rightarrow 0.2$

Round these numbers to the nearest tenth:

$4.89 \rightarrow 4.9$

$3.96 \rightarrow 4$

$3.79 \rightarrow 3.8$

$9.55 \rightarrow 9.6$

$9.39 \rightarrow 9.4$

$9.37 \rightarrow 9.4$

$5.48 \rightarrow 5.5$

$1.08 \rightarrow 1.1$

$1.72 \rightarrow 1.7$

$1.02 \rightarrow 1$

$1.71 \rightarrow 1.7$

$8.97 \rightarrow 9$

$8.52 \rightarrow 8.5$

$1.99 \rightarrow 2$

$4.38 \rightarrow 4.4$

$6.97 \rightarrow 7$

Round these numbers to the nearest tenth:

$52.54 \rightarrow 52.5$

$43.59 \rightarrow 43.6$

$72.87 \rightarrow 72.9$

$56.24 \rightarrow 56.2$

$58.96 \rightarrow 59$

$89.29 \rightarrow 89.3$

$68.11 \rightarrow 68.1$

$64.59 \rightarrow 64.6$

$71.14 \rightarrow 71.1$

$77.64 \rightarrow 77.6$

$93.71 \rightarrow 93.7$

$96.12 \rightarrow 96.1$

$33.49 \rightarrow 33.5$

$50.15 \rightarrow 50.2$

$72.17 \rightarrow 72.2$

$97.94 \rightarrow 97.9$

Round these numbers to the nearest tenth:

$46.35 \rightarrow 46.4$

$4.17 \rightarrow 4.2$

$0.69 \rightarrow 0.7$

$5.11 \rightarrow 5.1$

$43.92 \rightarrow 43.9$

$0.44 \rightarrow 0.4$

$68.62 \rightarrow 68.6$

$42.75 \rightarrow 42.8$

$0.83 \rightarrow 0.8$

$17.02 \rightarrow 17$

$3.52 \rightarrow 3.5$

$0.87 \rightarrow 0.9$

$64.19 \rightarrow 64.2$

$2.69 \rightarrow 2.7$

$0.27 \rightarrow 0.3$

$10.38 \rightarrow 10.4$

$6.41 \rightarrow 6.4$

$21.35 \rightarrow 21.4$

$7.06 \rightarrow 7.1$

$4.53 \rightarrow 4.5$

LO: Order and compare numbers beyond 1,000

Order these sets of numbers from **lowest** to **highest**:

- 1)

2072

4021

5881

2094

1792

9913

- | |
|------|
| 1792 |
|------|

Lowest

2072

2094

4021

5881

9913

Highest
- 2)

4154

3984

4059

3807

4133

3740

- | |
|------|
| 3740 |
|------|

Lowest

3807

3984

4059

4133

4154

Highest
- 3)

6888

6878

6911

6896

6905

6958

- | |
|------|
| 6878 |
|------|

Lowest

6888

6896

6905

6911

6958

Highest
- 4)

4905

4899

4922

4916

4934

4926

- | |
|------|
| 4899 |
|------|

Lowest

4905

4916

4922

4926

4934

Highest

Use the correct **symbol** to **compare** the following pairs of numbers:

- 717 641 484 740 672 458 735 778
- 8626 8247 3306 4285 7882 1671 8241 1780
- 8985 8487 2886 3336 2555 2806 8505 8482
- 4592 4639 6897 6846 2400 2396 5180 5190
- 2656 2664 3680 3689 2010 2008 5138 5141

This table shows how much money seven people have saved in the bank...

Name	Ben	Jane	Brian	Anna	Frank	Abi	Omar
Money Saved	£5,460	£5,568	£5,387	£5,479	£5,454	£5,408	£5,461

Write the **amounts** saved in order from **least** money saved to **most** money saved:

- | |
|--------|
| £5,387 |
|--------|

£5,408

£5,454

£5,460

£5,461

£5,479

£5,568

LO: Read, write, order and compare numbers with up to 3 decimal places

Order these sets of numbers from **lowest** to **highest**:

1)

0.089

0.039

0.082

0.084

0.023

0.013

0.013

0.023

0.039

0.082

0.084

0.089

Lowest Highest

2)

0.438

0.429

0.419

0.45

0.439

0.444

0.419

0.429

0.438

0.439

0.444

0.45

Lowest Highest

3)

6.456

6.133

6.206

6.836

6.163

6.203

6.133

6.163

6.203

6.206

6.456

6.836

Lowest Highest

4)

55.344

55.326

55.4

55.404

55.362

55.321

55.321

55.326

55.344

55.362

55.4

55.404

Lowest Highest

Use the correct **symbol** to **compare** the following pairs of numbers:

0.075 0.022 0.092 0.029 0.044 0.052 0.082 0.031

0.918 0.898 0.853 0.9 0.875 0.879 0.241 0.223

7.494 7.526 7.779 7.807 2.308 2.349 4.552 4.557

39.699 39.705 91 91.063 79.176 79.084 15.872 15.945

597.345 597.381 347.523 347.522 456.162 456.138 390.962 390.968

This table shows how long it took seven people to run a race...

Name	Ben	Jane	Brian	Anna	Frank	Abi	Omar
Time (sec)	86.436	80.824	85.805	86.482	86.582	86.417	86.429

Write the times it took them from shortest to longest:

80.824

85.805

86.417

86.429

86.436

86.482

86.582



Practising the 3 Times Table



Practise counting in **3** 's. Read this line **10** times!

0 3 6 9 12 15 18 21 24 27 30 33 36

Now answer these questions:

$8 \times 3 = \boxed{24}$

$7 \times 3 = \boxed{21}$

$3 \times 3 = \boxed{9}$

$11 \times 3 = \boxed{33}$

$5 \times 3 = \boxed{15}$

$9 \times 3 = \boxed{27}$

$1 \times 3 = \boxed{3}$

$6 \times 3 = \boxed{18}$

$2 \times 3 = \boxed{6}$

$4 \times 3 = \boxed{12}$

$10 \times 3 = \boxed{30}$

$12 \times 3 = \boxed{36}$

Now answer these questions:

$24 \div 3 = \boxed{8}$

$21 \div 3 = \boxed{7}$

$9 \div 3 = \boxed{3}$

$33 \div 3 = \boxed{11}$

$15 \div 3 = \boxed{5}$

$27 \div 3 = \boxed{9}$

$30 \div 3 = \boxed{10}$

$18 \div 3 = \boxed{6}$

$6 \div 3 = \boxed{2}$

$12 \div 3 = \boxed{4}$

$3 \div 3 = \boxed{1}$

$36 \div 3 = \boxed{12}$

Find the hidden multiples of **3**

32 31 **9** 23 22 31 29 **6** 20 13 28 31 **33** 35
25 4 **27** 16 8 14 5 **18** 13 34 29 10 34 **3**

Now answer these questions:

What is the **2nd** multiple of **3** ? $\boxed{6}$

What is the product of **3** and **3** ? $\boxed{9}$

What is **4** lots of **3** ? $\boxed{12}$

How many **3** s in **30** ? $\boxed{10}$

Ben saves £ **3** a week for **1** weeks. How much money does he save in total? $\boxed{\text{£ } 3}$

Write out the **3** times table **backwards**:

$\boxed{36}$ $\boxed{33}$ $\boxed{30}$ $\boxed{27}$ $\boxed{24}$ $\boxed{21}$ $\boxed{18}$ $\boxed{15}$ $\boxed{12}$ $\boxed{9}$ $\boxed{6}$ $\boxed{3}$ $\boxed{0}$

LO: Recognise mixed numbers and improper fractions and convert from one form to the other

Convert the following improper fractions into mixed numbers:

(Simplify where possible!)

$$\frac{10}{4} = 2 \frac{2}{4} = 2 \frac{1}{2}$$

$$\frac{11}{5} = \text{---} = \text{---}$$

$$\frac{22}{4} = \text{---} = \text{---}$$

$$\frac{11}{3} = \text{---} = \text{---}$$

$$\frac{11}{2} = \text{---} = \text{---}$$

$$\frac{11}{5} = \text{---} = \text{---}$$

$$\frac{56}{10} = \text{---} = \text{---}$$

$$\frac{35}{10} = \text{---} = \text{---}$$

$$\frac{39}{10} = \text{---} = \text{---}$$

$$\frac{9}{2} = \text{---} = \text{---}$$

$$\frac{9}{2} = \text{---} = \text{---}$$

$$\frac{14}{3} = \text{---} = \text{---}$$

$$\frac{22}{4} = \text{---} = \text{---}$$

$$\frac{13}{3} = \text{---} = \text{---}$$

$$\frac{9}{2} = \text{---} = \text{---}$$

Convert the following mixed numbers into improper fractions

(Simplify where possible!)

$$1 \frac{1}{4} = \text{---} = \text{---}$$

$$2 \frac{1}{2} = \text{---} = \text{---}$$

$$1 \frac{1}{2} = \text{---} = \text{---}$$

$$3 \frac{1}{5} = \text{---} = \text{---}$$

$$3 \frac{2}{3} = \text{---} = \text{---}$$

$$2 \frac{2}{4} = \text{---} = \text{---}$$

$$2 \frac{2}{3} = \text{---} = \text{---}$$

$$1 \frac{5}{10} = \text{---} = \text{---}$$

$$1 \frac{1}{3} = \text{---} = \text{---}$$

$$2 \frac{4}{5} = \text{---} = \text{---}$$

$$3 \frac{9}{10} = \text{---} = \text{---}$$

$$3 \frac{3}{5} = \text{---} = \text{---}$$

$$2 \frac{4}{10} = \text{---} = \text{---}$$

$$1 \frac{4}{5} = \text{---} = \text{---}$$

$$2 \frac{2}{4} = \text{---} = \text{---}$$

LO: Recognise mixed numbers and improper fractions and convert from one form to the other

Convert the following improper fractions into mixed numbers:

(Simplify where possible!)

$$\frac{10}{4} = 2 \frac{2}{4} = 2 \frac{1}{2}$$

$$\frac{11}{5} = 2 \frac{1}{5} = \text{---}$$

$$\frac{22}{4} = 5 \frac{2}{4} = 5 \frac{1}{2}$$

$$\frac{11}{3} = 3 \frac{2}{3} = \text{---}$$

$$\frac{11}{2} = 5 \frac{1}{2} = \text{---}$$

$$\frac{11}{5} = 2 \frac{1}{5} = \text{---}$$

$$\frac{56}{10} = 5 \frac{6}{10} = 5 \frac{3}{5}$$

$$\frac{35}{10} = 3 \frac{5}{10} = 3 \frac{1}{2}$$

$$\frac{39}{10} = 3 \frac{9}{10} = \text{---}$$

$$\frac{9}{2} = 4 \frac{1}{2} = \text{---}$$

$$\frac{9}{2} = 4 \frac{1}{2} = \text{---}$$

$$\frac{14}{3} = 4 \frac{2}{3} = \text{---}$$

$$\frac{22}{4} = 5 \frac{2}{4} = 5 \frac{1}{2}$$

$$\frac{13}{3} = 4 \frac{1}{3} = \text{---}$$

$$\frac{9}{2} = 4 \frac{1}{2} = \text{---}$$

Convert the following mixed numbers into improper fractions

(Simplify where possible!)

$$1 \frac{1}{4} = \frac{5}{4} = \text{---}$$

$$2 \frac{1}{2} = \frac{5}{2} = \text{---}$$

$$1 \frac{1}{2} = \frac{3}{2} = \text{---}$$

$$3 \frac{1}{5} = \frac{16}{5} = \text{---}$$

$$3 \frac{2}{3} = \frac{11}{3} = \text{---}$$

$$2 \frac{2}{4} = \frac{10}{4} = \frac{5}{2}$$

$$2 \frac{2}{3} = \frac{8}{3} = \text{---}$$

$$1 \frac{5}{10} = \frac{15}{10} = \frac{3}{2}$$

$$1 \frac{1}{3} = \frac{4}{3} = \text{---}$$

$$2 \frac{4}{5} = \frac{14}{5} = \text{---}$$

$$3 \frac{9}{10} = \frac{39}{10} = \text{---}$$

$$3 \frac{3}{5} = \frac{18}{5} = \text{---}$$

$$2 \frac{4}{10} = \frac{24}{10} = \frac{12}{5}$$

$$1 \frac{4}{5} = \frac{9}{5} = \text{---}$$

$$2 \frac{2}{4} = \frac{10}{4} = \frac{5}{2}$$

LO: Add and subtract fractions with the same denominator within one whole (for example, $5/7 + 1/7 = 6/7$)

Add the following fractions:

$$\frac{17}{20} + \frac{2}{20} = \underline{\quad}$$

$$\frac{2}{20} + \frac{2}{20} = \underline{\quad}$$

$$\frac{4}{13} + \frac{9}{13} = \underline{\quad}$$

$$\frac{2}{18} + \frac{14}{18} = \underline{\quad}$$

$$\frac{6}{8} + \frac{1}{8} = \underline{\quad}$$

$$\frac{3}{9} + \frac{6}{9} = \underline{\quad}$$

$$\frac{7}{13} + \frac{1}{13} = \underline{\quad}$$

$$\frac{3}{6} + \frac{1}{6} = \underline{\quad}$$

$$\frac{2}{4} + \frac{1}{4} = \underline{\quad}$$

$$\frac{16}{20} + \frac{2}{20} = \underline{\quad}$$

$$\frac{4}{12} + \frac{3}{12} = \underline{\quad}$$

$$\frac{18}{19} + \frac{1}{19} = \underline{\quad}$$

$$\frac{4}{13} + \frac{8}{13} = \underline{\quad}$$

$$\frac{3}{10} + \frac{3}{10} = \underline{\quad}$$

$$\frac{8}{12} + \frac{1}{12} = \underline{\quad}$$

$$\frac{4}{12} + \frac{6}{12} = \underline{\quad}$$

$$\frac{9}{10} + \frac{1}{10} = \underline{\quad}$$

$$\frac{13}{16} + \frac{2}{16} = \underline{\quad}$$

$$\frac{7}{8} + \frac{1}{8} = \underline{\quad}$$

$$\frac{2}{5} + \frac{2}{5} = \underline{\quad}$$

Subtract the following fractions:

$$\frac{3}{4} - \frac{1}{4} = \underline{\quad}$$

$$\frac{6}{14} - \frac{2}{14} = \underline{\quad}$$

$$\frac{8}{19} - \frac{5}{19} = \underline{\quad}$$

$$\frac{10}{11} - \frac{6}{11} = \underline{\quad}$$

$$\frac{4}{10} - \frac{3}{10} = \underline{\quad}$$

$$\frac{9}{14} - \frac{8}{14} = \underline{\quad}$$

$$\frac{6}{7} - \frac{4}{7} = \underline{\quad}$$

$$\frac{5}{12} - \frac{4}{12} = \underline{\quad}$$

$$\frac{8}{8} - \frac{4}{8} = \underline{\quad}$$

$$\frac{6}{7} - \frac{3}{7} = \underline{\quad}$$

$$\frac{8}{17} - \frac{7}{17} = \underline{\quad}$$

$$\frac{11}{13} - \frac{9}{13} = \underline{\quad}$$

$$\frac{3}{18} - \frac{2}{18} = \underline{\quad}$$

$$\frac{12}{12} - \frac{6}{12} = \underline{\quad}$$

$$\frac{4}{13} - \frac{1}{13} = \underline{\quad}$$

$$\frac{3}{7} - \frac{1}{7} = \underline{\quad}$$

$$\frac{6}{17} - \frac{1}{17} = \underline{\quad}$$

$$\frac{18}{18} - \frac{16}{18} = \underline{\quad}$$

$$\frac{9}{13} - \frac{1}{13} = \underline{\quad}$$

$$\frac{9}{10} - \frac{2}{10} = \underline{\quad}$$

LO: Add and subtract fractions with the same denominator within one whole (for example, $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$)

Add the following fractions:

$$\frac{17}{20} + \frac{2}{20} = \frac{19}{20}$$

$$\frac{2}{20} + \frac{2}{20} = \frac{4}{20}$$

$$\frac{4}{13} + \frac{9}{13} = \frac{13}{13}$$

$$\frac{2}{18} + \frac{14}{18} = \frac{16}{18}$$

$$\frac{6}{8} + \frac{1}{8} = \frac{7}{8}$$

$$\frac{3}{9} + \frac{6}{9} = \frac{9}{9}$$

$$\frac{7}{13} + \frac{1}{13} = \frac{8}{13}$$

$$\frac{3}{6} + \frac{1}{6} = \frac{4}{6}$$

$$\frac{2}{4} + \frac{1}{4} = \frac{3}{4}$$

$$\frac{16}{20} + \frac{2}{20} = \frac{18}{20}$$

$$\frac{4}{12} + \frac{3}{12} = \frac{7}{12}$$

$$\frac{18}{19} + \frac{1}{19} = \frac{19}{19}$$

$$\frac{4}{13} + \frac{8}{13} = \frac{12}{13}$$

$$\frac{3}{10} + \frac{3}{10} = \frac{6}{10}$$

$$\frac{8}{12} + \frac{1}{12} = \frac{9}{12}$$

$$\frac{4}{12} + \frac{6}{12} = \frac{10}{12}$$

$$\frac{9}{10} + \frac{1}{10} = \frac{10}{10}$$

$$\frac{13}{16} + \frac{2}{16} = \frac{15}{16}$$

$$\frac{7}{8} + \frac{1}{8} = \frac{8}{8}$$

$$\frac{2}{5} + \frac{2}{5} = \frac{4}{5}$$

Subtract the following fractions:

$$\frac{3}{4} - \frac{1}{4} = \frac{2}{4}$$

$$\frac{6}{14} - \frac{2}{14} = \frac{4}{14}$$

$$\frac{8}{19} - \frac{5}{19} = \frac{3}{19}$$

$$\frac{10}{11} - \frac{6}{11} = \frac{4}{11}$$

$$\frac{4}{10} - \frac{3}{10} = \frac{1}{10}$$

$$\frac{9}{14} - \frac{8}{14} = \frac{1}{14}$$

$$\frac{6}{7} - \frac{4}{7} = \frac{2}{7}$$

$$\frac{5}{12} - \frac{4}{12} = \frac{1}{12}$$

$$\frac{8}{8} - \frac{4}{8} = \frac{4}{8}$$

$$\frac{6}{7} - \frac{3}{7} = \frac{3}{7}$$

$$\frac{8}{17} - \frac{7}{17} = \frac{1}{17}$$

$$\frac{11}{13} - \frac{9}{13} = \frac{2}{13}$$

$$\frac{3}{18} - \frac{2}{18} = \frac{1}{18}$$

$$\frac{12}{12} - \frac{6}{12} = \frac{6}{12}$$

$$\frac{4}{13} - \frac{1}{13} = \frac{3}{13}$$

$$\frac{3}{7} - \frac{1}{7} = \frac{2}{7}$$

$$\frac{6}{17} - \frac{1}{17} = \frac{5}{17}$$

$$\frac{18}{18} - \frac{16}{18} = \frac{2}{18}$$

$$\frac{9}{13} - \frac{1}{13} = \frac{8}{13}$$

$$\frac{9}{10} - \frac{2}{10} = \frac{7}{10}$$

LO: Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions

Add the following fractions:
(Simplify where possible!)

$$\frac{2}{4} + \frac{1}{5} = \frac{10}{20} + \frac{4}{20} = \frac{14}{20} = \frac{7}{10}$$

$$\frac{1}{3} + \frac{2}{5} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{2}{4} + \frac{2}{8} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{1}{3} + \frac{2}{7} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{1}{3} + \frac{1}{5} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{1}{6} + \frac{1}{8} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{1}{3} + \frac{2}{4} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{1}{3} + \frac{2}{8} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{2}{6} + \frac{2}{8} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{1}{6} + \frac{1}{9} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{1}{3} + \frac{2}{5} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{2}{6} + \frac{1}{10} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{2}{6} + \frac{1}{10} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{1}{5} + \frac{1}{9} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

LO: Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions

Add the following fractions:

(Simplify where possible!)

$$\frac{2}{4} + \frac{1}{5} = \frac{10}{20} + \frac{4}{20} = \frac{14}{20} = \frac{7}{10}$$

$$\frac{1}{3} + \frac{2}{5} = \frac{5}{15} + \frac{6}{15} = \frac{11}{15} = \text{---}$$

$$\frac{2}{4} + \frac{2}{8} = \frac{4}{8} + \frac{2}{8} = \frac{6}{8} = \frac{3}{4}$$

$$\frac{1}{3} + \frac{2}{7} = \frac{7}{21} + \frac{6}{21} = \frac{13}{21} = \text{---}$$

$$\frac{1}{3} + \frac{1}{5} = \frac{5}{15} + \frac{3}{15} = \frac{8}{15} = \text{---}$$

$$\frac{1}{6} + \frac{1}{8} = \frac{4}{24} + \frac{3}{24} = \frac{7}{24} = \text{---}$$

$$\frac{1}{3} + \frac{2}{4} = \frac{4}{12} + \frac{6}{12} = \frac{10}{12} = \frac{5}{6}$$

$$\frac{1}{3} + \frac{2}{8} = \frac{8}{24} + \frac{6}{24} = \frac{14}{24} = \frac{7}{12}$$

$$\frac{2}{6} + \frac{2}{8} = \frac{8}{24} + \frac{6}{24} = \frac{14}{24} = \frac{7}{12}$$

$$\frac{1}{6} + \frac{1}{9} = \frac{3}{18} + \frac{2}{18} = \frac{5}{18} = \text{---}$$

$$\frac{1}{3} + \frac{2}{5} = \frac{5}{15} + \frac{6}{15} = \frac{11}{15} = \text{---}$$

$$\frac{2}{6} + \frac{1}{10} = \frac{10}{30} + \frac{3}{30} = \frac{13}{30} = \text{---}$$

$$\frac{2}{6} + \frac{1}{10} = \frac{10}{30} + \frac{3}{30} = \frac{13}{30} = \text{---}$$

$$\frac{1}{5} + \frac{1}{9} = \frac{9}{45} + \frac{5}{45} = \frac{14}{45} = \text{---}$$

LO: Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions

Add the following mixed numbers:

(Simplify where possible!)

$$2\frac{4}{8} + 2\frac{2}{8} = \frac{20}{8} + \frac{18}{8} = \frac{38}{8} = 4\frac{6}{8} = 4\frac{3}{4}$$

$$1\frac{4}{6} + 1\frac{2}{6} = \frac{\quad}{6} + \frac{\quad}{6} = \frac{\quad}{6} = \quad = \quad$$

$$2\frac{1}{4} + 3\frac{2}{4} = \frac{\quad}{4} + \frac{\quad}{4} = \frac{\quad}{4} = \quad = \quad$$

$$3\frac{2}{3} + 3\frac{2}{3} = \frac{\quad}{3} + \frac{\quad}{3} = \frac{\quad}{3} = \quad = \quad$$

$$2\frac{2}{6} + 2\frac{2}{6} = \frac{\quad}{6} + \frac{\quad}{6} = \frac{\quad}{6} = \quad = \quad$$

$$2\frac{1}{2} + 1\frac{1}{2} = \frac{\quad}{2} + \frac{\quad}{2} = \frac{\quad}{2} = \quad = \quad$$

$$3\frac{1}{3} + 2\frac{1}{3} = \frac{\quad}{3} + \frac{\quad}{3} = \frac{\quad}{3} = \quad = \quad$$

$$2\frac{6}{10} + 3\frac{8}{10} = \frac{\quad}{10} + \frac{\quad}{10} = \frac{\quad}{10} = \quad = \quad$$

$$2\frac{4}{7} + 3\frac{2}{7} = \frac{\quad}{7} + \frac{\quad}{7} = \frac{\quad}{7} = \quad = \quad$$

$$1\frac{2}{3} + 3\frac{2}{3} = \frac{\quad}{3} + \frac{\quad}{3} = \frac{\quad}{3} = \quad = \quad$$

LO: Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions

Add the following mixed numbers:

(Simplify where possible!)

$$2\frac{4}{8} + 2\frac{2}{8} = \frac{20}{8} + \frac{18}{8} = \frac{38}{8} = 4\frac{6}{8} = 4\frac{3}{4}$$

$$1\frac{4}{6} + 1\frac{2}{6} = \frac{10}{6} + \frac{8}{6} = \frac{18}{6} = 3\text{---} = \text{---}$$

$$2\frac{1}{4} + 3\frac{2}{4} = \frac{9}{4} + \frac{14}{4} = \frac{23}{4} = 5\frac{3}{4} = \text{---}$$

$$3\frac{2}{3} + 3\frac{2}{3} = \frac{11}{3} + \frac{11}{3} = \frac{22}{3} = 7\frac{1}{3} = \text{---}$$

$$2\frac{2}{6} + 2\frac{2}{6} = \frac{14}{6} + \frac{14}{6} = \frac{28}{6} = 4\frac{4}{6} = 4\frac{2}{3}$$

$$2\frac{1}{2} + 1\frac{1}{2} = \frac{5}{2} + \frac{3}{2} = \frac{8}{2} = 4\text{---} = \text{---}$$

$$3\frac{1}{3} + 2\frac{1}{3} = \frac{10}{3} + \frac{7}{3} = \frac{17}{3} = 5\frac{2}{3} = \text{---}$$

$$2\frac{6}{10} + 3\frac{8}{10} = \frac{26}{10} + \frac{38}{10} = \frac{64}{10} = 6\frac{4}{10} = 6\frac{2}{5}$$

$$2\frac{4}{7} + 3\frac{2}{7} = \frac{18}{7} + \frac{23}{7} = \frac{41}{7} = 5\frac{6}{7} = \text{---}$$

$$1\frac{2}{3} + 3\frac{2}{3} = \frac{5}{3} + \frac{11}{3} = \frac{16}{3} = 5\frac{1}{3} = \text{---}$$

LO: Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions

Subtract the following fractions:

(Simplify where possible!)

$$\frac{1}{2} - \frac{1}{6} = \frac{3}{6} - \frac{1}{6} = \frac{2}{6} = \frac{1}{3}$$

$$\frac{4}{5} - \frac{1}{15} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{1}{3} - \frac{1}{12} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{1}{2} - \frac{2}{12} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{5}{6} - \frac{1}{30} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{1}{3} - \frac{1}{12} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{2}{6} - \frac{1}{30} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{2}{3} - \frac{1}{18} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{3}{4} - \frac{2}{16} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{2}{4} - \frac{1}{24} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{1}{4} - \frac{2}{24} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{3}{6} - \frac{1}{30} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{3}{6} - \frac{1}{24} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{4}{5} - \frac{1}{15} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

LO: Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions

Subtract the following fractions:

(Simplify where possible!)

$$\frac{1}{2} - \frac{1}{6} = \frac{3}{6} - \frac{1}{6} = \frac{2}{6} = \frac{1}{3}$$

$$\frac{4}{5} - \frac{1}{15} = \frac{12}{15} - \frac{1}{15} = \frac{11}{15} = \text{---}$$

$$\frac{1}{3} - \frac{1}{12} = \frac{4}{12} - \frac{1}{12} = \frac{3}{12} = \frac{1}{4}$$

$$\frac{1}{2} - \frac{2}{12} = \frac{6}{12} - \frac{2}{12} = \frac{4}{12} = \frac{1}{3}$$

$$\frac{5}{6} - \frac{1}{30} = \frac{25}{30} - \frac{1}{30} = \frac{24}{30} = \frac{4}{5}$$

$$\frac{1}{3} - \frac{1}{12} = \frac{4}{12} - \frac{1}{12} = \frac{3}{12} = \frac{1}{4}$$

$$\frac{2}{6} - \frac{1}{30} = \frac{10}{30} - \frac{1}{30} = \frac{9}{30} = \frac{3}{10}$$

$$\frac{2}{3} - \frac{1}{18} = \frac{12}{18} - \frac{1}{18} = \frac{11}{18} = \text{---}$$

$$\frac{3}{4} - \frac{2}{16} = \frac{12}{16} - \frac{2}{16} = \frac{10}{16} = \frac{5}{8}$$

$$\frac{2}{4} - \frac{1}{24} = \frac{12}{24} - \frac{1}{24} = \frac{11}{24} = \text{---}$$

$$\frac{1}{4} - \frac{2}{24} = \frac{6}{24} - \frac{2}{24} = \frac{4}{24} = \frac{1}{6}$$

$$\frac{3}{6} - \frac{1}{30} = \frac{15}{30} - \frac{1}{30} = \frac{14}{30} = \frac{7}{15}$$

$$\frac{3}{6} - \frac{1}{24} = \frac{12}{24} - \frac{1}{24} = \frac{11}{24} = \text{---}$$

$$\frac{4}{5} - \frac{1}{15} = \frac{12}{15} - \frac{1}{15} = \frac{11}{15} = \text{---}$$

LO: Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions

Subtract the following fractions:
(Simplify where possible!)

$$\frac{2}{3} - \frac{1}{6} = \frac{4}{6} - \frac{1}{6} = \frac{3}{6} = \frac{1}{2}$$

$$\frac{2}{3} - \frac{2}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{4}{5} - \frac{1}{8} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{2}{3} - \frac{2}{7} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{4}{5} - \frac{1}{8} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{4}{5} - \frac{2}{7} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{3}{4} - \frac{1}{7} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{2}{3} - \frac{2}{7} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{3}{4} - \frac{1}{8} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{4}{5} - \frac{2}{11} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{2}{3} - \frac{1}{7} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{4}{5} - \frac{2}{7} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{2}{3} - \frac{1}{8} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{2}{3} - \frac{1}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

LO: Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions

Subtract the following fractions:
(Simplify where possible!)

$$\frac{2}{3} - \frac{1}{6} = \frac{4}{6} - \frac{1}{6} = \frac{3}{6} = \frac{1}{2}$$

$$\frac{2}{3} - \frac{2}{6} = \frac{4}{6} - \frac{2}{6} = \frac{2}{6} = \frac{1}{3}$$

$$\frac{4}{5} - \frac{1}{8} = \frac{32}{40} - \frac{5}{40} = \frac{27}{40} = \text{---}$$

$$\frac{2}{3} - \frac{2}{7} = \frac{14}{21} - \frac{6}{21} = \frac{8}{21} = \text{---}$$

$$\frac{4}{5} - \frac{1}{8} = \frac{32}{40} - \frac{5}{40} = \frac{27}{40} = \text{---}$$

$$\frac{4}{5} - \frac{2}{7} = \frac{28}{35} - \frac{10}{35} = \frac{18}{35} = \text{---}$$

$$\frac{3}{4} - \frac{1}{7} = \frac{21}{28} - \frac{4}{28} = \frac{17}{28} = \text{---}$$

$$\frac{2}{3} - \frac{2}{7} = \frac{14}{21} - \frac{6}{21} = \frac{8}{21} = \text{---}$$

$$\frac{3}{4} - \frac{1}{8} = \frac{6}{8} - \frac{1}{8} = \frac{5}{8} = \text{---}$$

$$\frac{4}{5} - \frac{2}{11} = \frac{44}{55} - \frac{10}{55} = \frac{34}{55} = \text{---}$$

$$\frac{2}{3} - \frac{1}{7} = \frac{14}{21} - \frac{3}{21} = \frac{11}{21} = \text{---}$$

$$\frac{4}{5} - \frac{2}{7} = \frac{28}{35} - \frac{10}{35} = \frac{18}{35} = \text{---}$$

$$\frac{2}{3} - \frac{1}{8} = \frac{16}{24} - \frac{3}{24} = \frac{13}{24} = \text{---}$$

$$\frac{2}{3} - \frac{1}{6} = \frac{4}{6} - \frac{1}{6} = \frac{3}{6} = \frac{1}{2}$$

LO: Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions

Subtract the following mixed numbers:

(Simplify where possible!)

$$2\frac{3}{6} - 1\frac{1}{6} = \frac{15}{6} - \frac{7}{6} = \frac{8}{6} = 1\frac{2}{6} = 1\frac{1}{3}$$

$$3\frac{6}{9} - 1\frac{2}{9} = \frac{\quad}{9} - \frac{\quad}{9} = \frac{\quad}{9} = \quad = \quad$$

$$2\frac{2}{9} - 1\frac{3}{9} = \frac{\quad}{9} - \frac{\quad}{9} = \frac{\quad}{9} = \quad = \quad$$

$$3\frac{5}{9} - 2\frac{4}{9} = \frac{\quad}{9} - \frac{\quad}{9} = \frac{\quad}{9} = \quad = \quad$$

$$3\frac{1}{2} - 2\frac{1}{2} = \frac{\quad}{2} - \frac{\quad}{2} = \frac{\quad}{2} = \quad = \quad$$

$$3\frac{2}{6} - 1\frac{3}{6} = \frac{\quad}{6} - \frac{\quad}{6} = \frac{\quad}{6} = \quad = \quad$$

$$2\frac{1}{9} - 1\frac{1}{9} = \frac{\quad}{9} - \frac{\quad}{9} = \frac{\quad}{9} = \quad = \quad$$

$$2\frac{2}{4} - 1\frac{1}{4} = \frac{\quad}{4} - \frac{\quad}{4} = \frac{\quad}{4} = \quad = \quad$$

$$4\frac{1}{4} - 3\frac{2}{4} = \frac{\quad}{4} - \frac{\quad}{4} = \frac{\quad}{4} = \quad = \quad$$

$$2\frac{4}{5} - 1\frac{1}{5} = \frac{\quad}{5} - \frac{\quad}{5} = \frac{\quad}{5} = \quad = \quad$$

LO: Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions

Subtract the following mixed numbers:

(Simplify where possible!)

$$2\frac{3}{6} - 1\frac{1}{6} = \frac{15}{6} - \frac{7}{6} = \frac{8}{6} = 1\frac{2}{6} = 1\frac{1}{3}$$

$$3\frac{6}{9} - 1\frac{2}{9} = \frac{33}{9} - \frac{11}{9} = \frac{22}{9} = 2\frac{4}{9} = \text{---}$$

$$2\frac{2}{9} - 1\frac{3}{9} = \frac{20}{9} - \frac{12}{9} = \frac{8}{9} = \frac{8}{9} = \text{---}$$

$$3\frac{5}{9} - 2\frac{4}{9} = \frac{32}{9} - \frac{22}{9} = \frac{10}{9} = 1\frac{1}{9} = \text{---}$$

$$3\frac{1}{2} - 2\frac{1}{2} = \frac{7}{2} - \frac{5}{2} = \frac{2}{2} = 1\text{---} = \text{---}$$

$$3\frac{2}{6} - 1\frac{3}{6} = \frac{20}{6} - \frac{9}{6} = \frac{11}{6} = 1\frac{5}{6} = \text{---}$$

$$2\frac{1}{9} - 1\frac{1}{9} = \frac{19}{9} - \frac{10}{9} = \frac{9}{9} = 1\text{---} = \text{---}$$

$$2\frac{2}{4} - 1\frac{1}{4} = \frac{10}{4} - \frac{5}{4} = \frac{5}{4} = 1\frac{1}{4} = \text{---}$$

$$4\frac{1}{4} - 3\frac{2}{4} = \frac{17}{4} - \frac{14}{4} = \frac{3}{4} = \frac{3}{4} = \text{---}$$

$$2\frac{4}{5} - 1\frac{1}{5} = \frac{14}{5} - \frac{6}{5} = \frac{8}{5} = 1\frac{3}{5} = \text{---}$$

LO: Recognise and show, using diagrams, families of common equivalent fractions

Complete the equivalent fractions:

$$\frac{2}{5} = \frac{14}{\quad}$$

$\times \square$

$\times \square$

$$\frac{7}{9} = \frac{\quad}{90}$$

$\times \square$

$\times \square$

$$\frac{6}{8} = \frac{24}{\quad}$$

$\times \square$

$\times \square$

$$\frac{3}{6} = \frac{\quad}{66}$$

$\times \square$

$\times \square$

$$\frac{11}{12} = \frac{\quad}{120}$$

$\times \square$

$\times \square$

$$\frac{6}{11} = \frac{24}{\quad}$$

$\times \square$

$\times \square$

$$\frac{9}{10} = \frac{99}{\quad}$$

$\times \square$

$\times \square$

$$\frac{2}{3} = \frac{\quad}{15}$$

$\times \square$

$\times \square$

$$\frac{6}{12} = \frac{\quad}{132}$$

$\times \square$

$\times \square$

$$\frac{1}{3} = \frac{3}{\quad}$$

$\times \square$

$\times \square$

$$\frac{1}{2} = \frac{7}{\quad}$$

$\times \square$

$\times \square$

$$\frac{5}{9} = \frac{\quad}{63}$$

$\times \square$

$\times \square$

$$\frac{7}{8} = \frac{\quad}{48}$$

$\times \square$

$\times \square$

$$\frac{5}{12} = \frac{15}{\quad}$$

$\times \square$

$\times \square$

$$\frac{3}{5} = \frac{\quad}{55}$$

$\times \square$

$\times \square$

LO: Recognise and show, using diagrams, families of common equivalent fractions

Complete the equivalent fractions:

$$\frac{2}{5} = \frac{14}{35}$$

x 7

$$\frac{7}{9} = \frac{70}{90}$$

x 10

$$\frac{6}{8} = \frac{24}{32}$$

x 4

$$\frac{3}{6} = \frac{33}{66}$$

x 11

$$\frac{11}{12} = \frac{110}{120}$$

x 10

$$\frac{6}{11} = \frac{24}{44}$$

x 4

$$\frac{9}{10} = \frac{99}{110}$$

x 11

$$\frac{2}{3} = \frac{10}{15}$$

x 5

$$\frac{6}{12} = \frac{66}{132}$$

x 11

$$\frac{1}{3} = \frac{3}{9}$$

x 3

$$\frac{1}{2} = \frac{7}{14}$$

x 7

$$\frac{5}{9} = \frac{35}{63}$$

x 7

$$\frac{7}{8} = \frac{42}{48}$$

x 6

$$\frac{5}{12} = \frac{15}{36}$$

x 3

$$\frac{3}{5} = \frac{33}{55}$$

x 11

LO: Use common factors to simplify fractions; use common multiples to express fractions in the same denominator

Simplify the following fractions by dividing by the highest common factor:

$$\frac{21}{35} = \frac{3}{5}$$

Diagram showing the simplification of $\frac{21}{35}$ to $\frac{3}{5}$ by dividing both numerator and denominator by 7. Arrows point from the numbers to the 7 in the boxes above and below the fraction bar.

$$\frac{3}{6} = \frac{\quad}{\quad}$$

Diagram showing the simplification of $\frac{3}{6}$ by dividing both numerator and denominator by a common factor (represented by a box).

$$\frac{33}{77} = \frac{\quad}{\quad}$$

Diagram showing the simplification of $\frac{33}{77}$ by dividing both numerator and denominator by a common factor (represented by a box).

$$\frac{16}{40} = \frac{\quad}{\quad}$$

Diagram showing the simplification of $\frac{16}{40}$ by dividing both numerator and denominator by a common factor (represented by a box).

$$\frac{63}{70} = \frac{\quad}{\quad}$$

Diagram showing the simplification of $\frac{63}{70}$ by dividing both numerator and denominator by a common factor (represented by a box).

$$\frac{36}{81} = \frac{\quad}{\quad}$$

Diagram showing the simplification of $\frac{36}{81}$ by dividing both numerator and denominator by a common factor (represented by a box).

$$\frac{5}{15} = \frac{\quad}{\quad}$$

Diagram showing the simplification of $\frac{5}{15}$ by dividing both numerator and denominator by a common factor (represented by a box).

$$\frac{9}{63} = \frac{\quad}{\quad}$$

Diagram showing the simplification of $\frac{9}{63}$ by dividing both numerator and denominator by a common factor (represented by a box).

$$\frac{5}{40} = \frac{\quad}{\quad}$$

Diagram showing the simplification of $\frac{5}{40}$ by dividing both numerator and denominator by a common factor (represented by a box).

$$\frac{10}{12} = \frac{\quad}{\quad}$$

Diagram showing the simplification of $\frac{10}{12}$ by dividing both numerator and denominator by a common factor (represented by a box).

$$\frac{28}{35} = \frac{\quad}{\quad}$$

Diagram showing the simplification of $\frac{28}{35}$ by dividing both numerator and denominator by a common factor (represented by a box).

$$\frac{5}{10} = \frac{\quad}{\quad}$$

Diagram showing the simplification of $\frac{5}{10}$ by dividing both numerator and denominator by a common factor (represented by a box).

$$\frac{6}{60} = \frac{\quad}{\quad}$$

Diagram showing the simplification of $\frac{6}{60}$ by dividing both numerator and denominator by a common factor (represented by a box).

$$\frac{30}{72} = \frac{\quad}{\quad}$$

Diagram showing the simplification of $\frac{30}{72}$ by dividing both numerator and denominator by a common factor (represented by a box).

$$\frac{16}{24} = \frac{\quad}{\quad}$$

Diagram showing the simplification of $\frac{16}{24}$ by dividing both numerator and denominator by a common factor (represented by a box).

LO: Use common factors to simplify fractions; use common multiples to express fractions in the same denominator

Simplify the following fractions by dividing by the highest common factor:

$$\frac{21}{35} = \frac{3}{5}$$

÷ 7

$$\frac{3}{6} = \frac{1}{2}$$

÷ 3

$$\frac{33}{77} = \frac{3}{7}$$

÷ 11

$$\frac{16}{40} = \frac{2}{5}$$

÷ 8

$$\frac{63}{70} = \frac{9}{10}$$

÷ 7

$$\frac{36}{81} = \frac{4}{9}$$

÷ 9

$$\frac{5}{15} = \frac{1}{3}$$

÷ 5

$$\frac{9}{63} = \frac{1}{7}$$

÷ 9

$$\frac{5}{40} = \frac{1}{8}$$

÷ 5

$$\frac{10}{12} = \frac{5}{6}$$

÷ 2

$$\frac{28}{35} = \frac{4}{5}$$

÷ 7

$$\frac{5}{10} = \frac{1}{2}$$

÷ 5

$$\frac{6}{60} = \frac{1}{10}$$

÷ 6

$$\frac{30}{72} = \frac{5}{12}$$

÷ 6

$$\frac{16}{24} = \frac{2}{3}$$

÷ 8

LO: Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number

Find the answer to the following fraction problems:

$$\frac{1}{4} \text{ of } 32 = \square$$

$$\frac{1}{6} \text{ of } 54 = \square$$

$$\frac{1}{6} \text{ of } 24 = \square$$

$$\frac{1}{4} \text{ of } 12 = \square$$

$$\frac{1}{4} \text{ of } 32 = \square$$

$$\frac{1}{10} \text{ of } 90 = \square$$

$$\frac{1}{8} \text{ of } 40 = \square$$

$$\frac{1}{3} \text{ of } 24 = \square$$

$$\frac{1}{9} \text{ of } 99 = \square$$

$$\frac{1}{5} \text{ of } 40 = \square$$

$$\frac{1}{10} \text{ of } 80 = \square$$

$$\frac{1}{4} \text{ of } 36 = \square$$

$$\frac{1}{4} \text{ of } 40 = \square$$

$$\frac{1}{3} \text{ of } 24 = \square$$

$$\frac{1}{8} \text{ of } 88 = \square$$

Find the answer to the following fraction problems:

$$\frac{1}{6} \text{ of } \square = 5$$

$$\frac{1}{10} \text{ of } \square = 11$$

$$\frac{1}{4} \text{ of } \square = 9$$

$$\frac{1}{3} \text{ of } \square = 5$$

$$\frac{1}{4} \text{ of } \square = 2$$

$$\frac{1}{4} \text{ of } \square = 4$$

$$\frac{1}{4} \text{ of } \square = 3$$

$$\frac{1}{6} \text{ of } \square = 6$$

$$\frac{1}{9} \text{ of } \square = 3$$

$$\frac{1}{\square} \text{ of } 21 = 7$$

$$\frac{1}{\square} \text{ of } 16 = 2$$

$$\frac{1}{\square} \text{ of } 60 = 6$$

$$\frac{1}{\square} \text{ of } 18 = 3$$

$$\frac{1}{\square} \text{ of } 45 = 9$$

$$\frac{1}{\square} \text{ of } 88 = 11$$

LO: Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number

Find the answer to the following fraction problems:

$$\frac{1}{4} \text{ of } 32 = \boxed{8}$$

$$\frac{1}{6} \text{ of } 54 = \boxed{9}$$

$$\frac{1}{6} \text{ of } 24 = \boxed{4}$$

$$\frac{1}{4} \text{ of } 12 = \boxed{3}$$

$$\frac{1}{4} \text{ of } 32 = \boxed{8}$$

$$\frac{1}{10} \text{ of } 90 = \boxed{9}$$

$$\frac{1}{8} \text{ of } 40 = \boxed{5}$$

$$\frac{1}{3} \text{ of } 24 = \boxed{8}$$

$$\frac{1}{9} \text{ of } 99 = \boxed{11}$$

$$\frac{1}{5} \text{ of } 40 = \boxed{8}$$

$$\frac{1}{10} \text{ of } 80 = \boxed{8}$$

$$\frac{1}{4} \text{ of } 36 = \boxed{9}$$

$$\frac{1}{4} \text{ of } 40 = \boxed{10}$$

$$\frac{1}{3} \text{ of } 24 = \boxed{8}$$

$$\frac{1}{8} \text{ of } 88 = \boxed{11}$$

Find the answer to the following fraction problems:

$$\frac{1}{6} \text{ of } \boxed{30} = 5$$

$$\frac{1}{10} \text{ of } \boxed{110} = 11$$

$$\frac{1}{4} \text{ of } \boxed{36} = 9$$

$$\frac{1}{3} \text{ of } \boxed{15} = 5$$

$$\frac{1}{4} \text{ of } \boxed{8} = 2$$

$$\frac{1}{4} \text{ of } \boxed{16} = 4$$

$$\frac{1}{4} \text{ of } \boxed{12} = 3$$

$$\frac{1}{6} \text{ of } \boxed{36} = 6$$

$$\frac{1}{9} \text{ of } \boxed{27} = 3$$

$$\frac{1}{\boxed{3}} \text{ of } 21 = 7$$

$$\frac{1}{\boxed{8}} \text{ of } 16 = 2$$

$$\frac{1}{\boxed{10}} \text{ of } 60 = 6$$

$$\frac{1}{\boxed{6}} \text{ of } 18 = 3$$

$$\frac{1}{\boxed{5}} \text{ of } 45 = 9$$

$$\frac{1}{\boxed{8}} \text{ of } 88 = 11$$

LO: Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number

Find the answer to the following fraction problems:

$$\frac{2}{3} \text{ of } 24 = \square$$

$$\frac{9}{10} \text{ of } 20 = \square$$

$$\frac{2}{3} \text{ of } 30 = \square$$

$$\frac{2}{3} \text{ of } 27 = \square$$

$$\frac{6}{8} \text{ of } 24 = \square$$

$$\frac{7}{9} \text{ of } 18 = \square$$

$$\frac{3}{4} \text{ of } 24 = \square$$

$$\frac{3}{9} \text{ of } 54 = \square$$

$$\frac{2}{5} \text{ of } 15 = \square$$

$$\frac{2}{4} \text{ of } 24 = \square$$

$$\frac{3}{6} \text{ of } 24 = \square$$

$$\frac{3}{6} \text{ of } 48 = \square$$

$$\frac{3}{4} \text{ of } 16 = \square$$

$$\frac{2}{6} \text{ of } 42 = \square$$

$$\frac{4}{8} \text{ of } 56 = \square$$

Find the answer to the following fraction problems:

$$\frac{9}{10} \text{ of } \square = 72$$

$$\frac{3}{8} \text{ of } \square = 27$$

$$\frac{5}{6} \text{ of } \square = 10$$

$$\frac{4}{10} \text{ of } \square = 16$$

$$\frac{4}{5} \text{ of } \square = 16$$

$$\frac{6}{9} \text{ of } \square = 12$$

$$\frac{3}{4} \text{ of } \square = 24$$

$$\frac{5}{6} \text{ of } \square = 20$$

$$\frac{3}{9} \text{ of } \square = 30$$

$$\frac{\square}{8} \text{ of } 80 = 50$$

$$\frac{\square}{11} \text{ of } 66 = 30$$

$$\frac{\square}{9} \text{ of } 18 = 10$$

$$\frac{2}{\square} \text{ of } 28 = 14$$

$$\frac{5}{\square} \text{ of } 30 = 25$$

$$\frac{5}{\square} \text{ of } 45 = 25$$

LO: Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number

Find the answer to the following fraction problems:

$$\frac{2}{3} \text{ of } 24 = 16$$

$$\frac{9}{10} \text{ of } 20 = 18$$

$$\frac{2}{3} \text{ of } 30 = 20$$

$$\frac{2}{3} \text{ of } 27 = 18$$

$$\frac{6}{8} \text{ of } 24 = 18$$

$$\frac{7}{9} \text{ of } 18 = 14$$

$$\frac{3}{4} \text{ of } 24 = 18$$

$$\frac{3}{9} \text{ of } 54 = 18$$

$$\frac{2}{5} \text{ of } 15 = 6$$

$$\frac{2}{4} \text{ of } 24 = 12$$

$$\frac{3}{6} \text{ of } 24 = 12$$

$$\frac{3}{6} \text{ of } 48 = 24$$

$$\frac{3}{4} \text{ of } 16 = 12$$

$$\frac{2}{6} \text{ of } 42 = 14$$

$$\frac{4}{8} \text{ of } 56 = 28$$

Find the answer to the following fraction problems:

$$\frac{9}{10} \text{ of } 80 = 72$$

$$\frac{3}{8} \text{ of } 72 = 27$$

$$\frac{5}{6} \text{ of } 12 = 10$$

$$\frac{4}{10} \text{ of } 40 = 16$$

$$\frac{4}{5} \text{ of } 20 = 16$$

$$\frac{6}{9} \text{ of } 18 = 12$$

$$\frac{3}{4} \text{ of } 32 = 24$$

$$\frac{5}{6} \text{ of } 24 = 20$$

$$\frac{3}{9} \text{ of } 90 = 30$$

$$\frac{5}{8} \text{ of } 80 = 50$$

$$\frac{5}{11} \text{ of } 66 = 30$$

$$\frac{5}{9} \text{ of } 18 = 10$$

$$\frac{2}{4} \text{ of } 28 = 14$$

$$\frac{5}{6} \text{ of } 30 = 25$$

$$\frac{5}{9} \text{ of } 45 = 25$$

LO: Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams

Multiply the following fractions:

(Convert and simplify where possible!)

$$\frac{9}{10} \times 4 = \frac{36}{10} = 3 \frac{6}{10} = 3 \frac{3}{5}$$

$$\frac{2}{4} \times 6 = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{3}{4} \times 5 = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{3}{4} \times 2 = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{9}{12} \times 7 = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{5}{9} \times 2 = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{2}{3} \times 7 = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{8}{11} \times 6 = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{5}{9} \times 8 = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{9}{10} \times 2 = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{10}{11} \times 8 = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{8}{11} \times 6 = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{11}{12} \times 8 = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{7}{8} \times 3 = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{2}{4} \times 7 = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{8}{9} \times 2 = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{9}{10} \times 3 = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{7}{9} \times 8 = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{7}{8} \times 7 = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{2}{4} \times 7 = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

LO: Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams

Multiply the following fractions:

(Convert and simplify where possible!)

$$\frac{9}{10} \times 4 = \frac{36}{10} = 3 \frac{6}{10} = 3 \frac{3}{5}$$

$$\frac{2}{4} \times 6 = \frac{12}{4} = 3 \text{ ---} = \text{ ---}$$

$$\frac{3}{4} \times 5 = \frac{15}{4} = 3 \frac{3}{4} = \text{ ---}$$

$$\frac{3}{4} \times 2 = \frac{6}{4} = 1 \frac{2}{4} = 1 \frac{1}{2}$$

$$\frac{9}{12} \times 7 = \frac{63}{12} = 5 \frac{3}{12} = 5 \frac{1}{4}$$

$$\frac{5}{9} \times 2 = \frac{10}{9} = 1 \frac{1}{9} = \text{ ---}$$

$$\frac{2}{3} \times 7 = \frac{14}{3} = 4 \frac{2}{3} = \text{ ---}$$

$$\frac{8}{11} \times 6 = \frac{48}{11} = 4 \frac{4}{11} = \text{ ---}$$

$$\frac{5}{9} \times 8 = \frac{40}{9} = 4 \frac{4}{9} = \text{ ---}$$

$$\frac{9}{10} \times 2 = \frac{18}{10} = 1 \frac{8}{10} = 1 \frac{4}{5}$$

$$\frac{10}{11} \times 8 = \frac{80}{11} = 7 \frac{3}{11} = \text{ ---}$$

$$\frac{8}{11} \times 6 = \frac{48}{11} = 4 \frac{4}{11} = \text{ ---}$$

$$\frac{11}{12} \times 8 = \frac{88}{12} = 7 \frac{4}{12} = 7 \frac{1}{3}$$

$$\frac{7}{8} \times 3 = \frac{21}{8} = 2 \frac{5}{8} = \text{ ---}$$

$$\frac{2}{4} \times 7 = \frac{14}{4} = 3 \frac{2}{4} = 3 \frac{1}{2}$$

$$\frac{8}{9} \times 2 = \frac{16}{9} = 1 \frac{7}{9} = \text{ ---}$$

$$\frac{9}{10} \times 3 = \frac{27}{10} = 2 \frac{7}{10} = \text{ ---}$$

$$\frac{7}{9} \times 8 = \frac{56}{9} = 6 \frac{2}{9} = \text{ ---}$$

$$\frac{7}{8} \times 7 = \frac{49}{8} = 6 \frac{1}{8} = \text{ ---}$$

$$\frac{2}{4} \times 7 = \frac{14}{4} = 3 \frac{2}{4} = 3 \frac{1}{2}$$

LO: Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams

Multiply the following mixed numbers

(Convert and simplify where possible!)

$$2\frac{2}{4} \times 3 = \frac{10}{4} \times 3 = \frac{30}{4} = 7\frac{2}{4} = 7\frac{1}{2}$$

$$3\frac{1}{2} \times 3 = \frac{\quad}{\quad} \times 3 = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$1\frac{1}{6} \times 2 = \frac{\quad}{\quad} \times 2 = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$1\frac{1}{2} \times 3 = \frac{\quad}{\quad} \times 3 = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$3\frac{1}{3} \times 2 = \frac{\quad}{\quad} \times 2 = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$2\frac{3}{6} \times 3 = \frac{\quad}{\quad} \times 3 = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$1\frac{2}{6} \times 3 = \frac{\quad}{\quad} \times 3 = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$1\frac{3}{5} \times 3 = \frac{\quad}{\quad} \times 3 = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$1\frac{1}{2} \times 3 = \frac{\quad}{\quad} \times 3 = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$2\frac{2}{5} \times 3 = \frac{\quad}{\quad} \times 3 = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

LO: Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams

Multiply the following mixed numbers

(Convert and simplify where possible!)

$$2\frac{2}{4} \times 3 = \frac{10}{4} \times 3 = \frac{30}{4} = 7\frac{2}{4} = 7\frac{1}{2}$$

$$3\frac{1}{2} \times 3 = \frac{7}{2} \times 3 = \frac{21}{2} = 10\frac{1}{2} = \text{---}$$

$$1\frac{1}{6} \times 2 = \frac{7}{6} \times 2 = \frac{14}{6} = 2\frac{2}{6} = 2\frac{1}{3}$$

$$1\frac{1}{2} \times 3 = \frac{3}{2} \times 3 = \frac{9}{2} = 4\frac{1}{2} = \text{---}$$

$$3\frac{1}{3} \times 2 = \frac{10}{3} \times 2 = \frac{20}{3} = 6\frac{2}{3} = \text{---}$$

$$2\frac{3}{6} \times 3 = \frac{15}{6} \times 3 = \frac{45}{6} = 7\frac{3}{6} = 7\frac{1}{2}$$

$$1\frac{2}{6} \times 3 = \frac{8}{6} \times 3 = \frac{24}{6} = 4 \text{ ---} = \text{---}$$

$$1\frac{3}{5} \times 3 = \frac{8}{5} \times 3 = \frac{24}{5} = 4\frac{4}{5} = \text{---}$$

$$1\frac{1}{2} \times 3 = \frac{3}{2} \times 3 = \frac{9}{2} = 4\frac{1}{2} = \text{---}$$

$$2\frac{2}{5} \times 3 = \frac{12}{5} \times 3 = \frac{36}{5} = 7\frac{1}{5} = \text{---}$$

LO: Multiply simple pairs of proper fractions, writing the answer in its simplest form [for example, $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$]

Multiply the following fractions:

(Simplify where possible!)

$$\frac{1}{2} \times \frac{2}{6} = \frac{(1 \times 2)}{(2 \times 6)} = \frac{2}{12} = \frac{1}{6}$$

$$\frac{2}{4} \times \frac{2}{4} = \frac{(\quad \times \quad)}{(\quad \times \quad)} = \text{---} = \text{---}$$

$$\frac{1}{3} \times \frac{2}{6} = \frac{(\quad \times \quad)}{(\quad \times \quad)} = \text{---} = \text{---}$$

$$\frac{3}{4} \times \frac{2}{6} = \frac{(\quad \times \quad)}{(\quad \times \quad)} = \text{---} = \text{---}$$

$$\frac{3}{5} \times \frac{2}{8} = \frac{(\quad \times \quad)}{(\quad \times \quad)} = \text{---} = \text{---}$$

$$\frac{1}{4} \times \frac{1}{3} = \frac{(\quad \times \quad)}{(\quad \times \quad)} = \text{---} = \text{---}$$

$$\frac{1}{4} \times \frac{1}{7} = \frac{(\quad \times \quad)}{(\quad \times \quad)} = \text{---} = \text{---}$$

$$\frac{1}{4} \times \frac{1}{3} = \frac{(\quad \times \quad)}{(\quad \times \quad)} = \text{---} = \text{---}$$

$$\frac{4}{6} \times \frac{2}{4} = \frac{(\quad \times \quad)}{(\quad \times \quad)} = \text{---} = \text{---}$$

$$\frac{2}{6} \times \frac{2}{3} = \frac{(\quad \times \quad)}{(\quad \times \quad)} = \text{---} = \text{---}$$

$$\frac{1}{2} \times \frac{2}{4} = \frac{(\quad \times \quad)}{(\quad \times \quad)} = \text{---} = \text{---}$$

$$\frac{5}{6} \times \frac{2}{4} = \frac{(\quad \times \quad)}{(\quad \times \quad)} = \text{---} = \text{---}$$

$$\frac{5}{6} \times \frac{1}{2} = \frac{(\quad \times \quad)}{(\quad \times \quad)} = \text{---} = \text{---}$$

$$\frac{2}{3} \times \frac{3}{7} = \frac{(\quad \times \quad)}{(\quad \times \quad)} = \text{---} = \text{---}$$

$$\frac{2}{3} \times \frac{1}{2} = \frac{(\quad \times \quad)}{(\quad \times \quad)} = \text{---} = \text{---}$$

$$\frac{2}{4} \times \frac{4}{7} = \frac{(\quad \times \quad)}{(\quad \times \quad)} = \text{---} = \text{---}$$

$$\frac{1}{2} \times \frac{1}{3} = \frac{(\quad \times \quad)}{(\quad \times \quad)} = \text{---} = \text{---}$$

$$\frac{2}{3} \times \frac{1}{2} = \frac{(\quad \times \quad)}{(\quad \times \quad)} = \text{---} = \text{---}$$

$$\frac{1}{2} \times \frac{3}{7} = \frac{(\quad \times \quad)}{(\quad \times \quad)} = \text{---} = \text{---}$$

$$\frac{2}{3} \times \frac{3}{5} = \frac{(\quad \times \quad)}{(\quad \times \quad)} = \text{---} = \text{---}$$

LO: Multiply simple pairs of proper fractions, writing the answer in its simplest form [for example, $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$]

Multiply the following fractions:

(Simplify where possible!)

$$\frac{1}{2} \times \frac{2}{6} = \frac{(1 \times 2)}{(2 \times 6)} = \frac{2}{12} = \frac{1}{6}$$

$$\frac{2}{4} \times \frac{2}{4} = \frac{(2 \times 2)}{(4 \times 4)} = \frac{4}{16} = \frac{1}{4}$$

$$\frac{1}{3} \times \frac{2}{6} = \frac{(1 \times 2)}{(3 \times 6)} = \frac{2}{18} = \frac{1}{9}$$

$$\frac{3}{4} \times \frac{2}{6} = \frac{(3 \times 2)}{(4 \times 6)} = \frac{6}{24} = \frac{1}{4}$$

$$\frac{3}{5} \times \frac{2}{8} = \frac{(3 \times 2)}{(5 \times 8)} = \frac{6}{40} = \frac{3}{20}$$

$$\frac{1}{4} \times \frac{1}{3} = \frac{(1 \times 1)}{(4 \times 3)} = \frac{1}{12} = \text{---}$$

$$\frac{1}{4} \times \frac{1}{7} = \frac{(1 \times 1)}{(4 \times 7)} = \frac{1}{28} = \text{---}$$

$$\frac{1}{4} \times \frac{1}{3} = \frac{(1 \times 1)}{(4 \times 3)} = \frac{1}{12} = \text{---}$$

$$\frac{4}{6} \times \frac{2}{4} = \frac{(4 \times 2)}{(6 \times 4)} = \frac{8}{24} = \frac{1}{3}$$

$$\frac{2}{6} \times \frac{2}{3} = \frac{(2 \times 2)}{(6 \times 3)} = \frac{4}{18} = \frac{2}{9}$$

$$\frac{1}{2} \times \frac{2}{4} = \frac{(1 \times 2)}{(2 \times 4)} = \frac{2}{8} = \frac{1}{4}$$

$$\frac{5}{6} \times \frac{2}{4} = \frac{(5 \times 2)}{(6 \times 4)} = \frac{10}{24} = \frac{5}{12}$$

$$\frac{5}{6} \times \frac{1}{2} = \frac{(5 \times 1)}{(6 \times 2)} = \frac{5}{12} = \text{---}$$

$$\frac{2}{3} \times \frac{3}{7} = \frac{(2 \times 3)}{(3 \times 7)} = \frac{6}{21} = \frac{2}{7}$$

$$\frac{2}{3} \times \frac{1}{2} = \frac{(2 \times 1)}{(3 \times 2)} = \frac{2}{6} = \frac{1}{3}$$

$$\frac{2}{4} \times \frac{4}{7} = \frac{(2 \times 4)}{(4 \times 7)} = \frac{8}{28} = \frac{2}{7}$$

$$\frac{1}{2} \times \frac{1}{3} = \frac{(1 \times 1)}{(2 \times 3)} = \frac{1}{6} = \text{---}$$

$$\frac{2}{3} \times \frac{1}{2} = \frac{(2 \times 1)}{(3 \times 2)} = \frac{2}{6} = \frac{1}{3}$$

$$\frac{1}{2} \times \frac{3}{7} = \frac{(1 \times 3)}{(2 \times 7)} = \frac{3}{14} = \text{---}$$

$$\frac{2}{3} \times \frac{3}{5} = \frac{(2 \times 3)}{(3 \times 5)} = \frac{6}{15} = \frac{2}{5}$$

LO: Divide proper fractions by whole numbers [for example, $\frac{1}{3} \div 2 = \frac{1}{6}$]

Divide the following fractions:

$$\frac{1}{2} \div 8 = \frac{1}{(2 \times 8)} = \frac{1}{16}$$

$$\frac{1}{5} \div 7 = \frac{\quad}{(\quad \times \quad)} = \text{---}$$

$$\frac{1}{5} \div 2 = \frac{\quad}{(\quad \times \quad)} = \text{---}$$

$$\frac{1}{3} \div 7 = \frac{\quad}{(\quad \times \quad)} = \text{---}$$

$$\frac{1}{8} \div 4 = \frac{\quad}{(\quad \times \quad)} = \text{---}$$

$$\frac{1}{3} \div 2 = \frac{\quad}{(\quad \times \quad)} = \text{---}$$

$$\frac{1}{8} \div 5 = \frac{\quad}{(\quad \times \quad)} = \text{---}$$

$$\frac{1}{9} \div 5 = \frac{\quad}{(\quad \times \quad)} = \text{---}$$

$$\frac{1}{4} \div 7 = \frac{\quad}{(\quad \times \quad)} = \text{---}$$

Divide the following fractions:

(Simplify where possible!)

$$\frac{2}{3} \div 2 = \frac{2}{(3 \times 2)} = \frac{2}{6} = \frac{1}{3}$$

$$\frac{3}{4} \div 2 = \frac{\quad}{(\quad \times \quad)} = \text{---} = \text{---}$$

$$\frac{6}{8} \div 4 = \frac{\quad}{(\quad \times \quad)} = \text{---} = \text{---}$$

$$\frac{2}{3} \div 5 = \frac{\quad}{(\quad \times \quad)} = \text{---} = \text{---}$$

$$\frac{4}{6} \div 7 = \frac{\quad}{(\quad \times \quad)} = \text{---} = \text{---}$$

$$\frac{2}{4} \div 4 = \frac{\quad}{(\quad \times \quad)} = \text{---} = \text{---}$$

Divide the following fractions:

(Convert and simplify where possible!)

$$\frac{3}{4} \div \frac{1}{2} = \frac{3}{4} \times \frac{2}{1} = \frac{6}{4} = 1 \frac{1}{2}$$

Flip it!

Keep it!

$$\frac{5}{6} \div \frac{4}{5} = \text{---} \times \text{---} = \text{---} = 1 \text{---}$$

$$\frac{3}{5} \div \frac{2}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$\frac{1}{3} \div \frac{1}{3} = \text{---} \times \text{---} = \text{---} = 1 \text{---}$$

$$\frac{1}{3} \div \frac{4}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$\frac{2}{6} \div \frac{3}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$$

LO: Divide proper fractions by whole numbers [for example, $\frac{1}{3} \div 2 = \frac{1}{6}$]

Divide the following fractions:

$$\frac{1}{2} \div 8 = \frac{1}{(2 \times 8)} = \frac{1}{16}$$

$$\frac{1}{5} \div 7 = \frac{1}{(5 \times 7)} = \frac{1}{35}$$

$$\frac{1}{5} \div 2 = \frac{1}{(5 \times 2)} = \frac{1}{10}$$

$$\frac{1}{3} \div 7 = \frac{1}{(3 \times 7)} = \frac{1}{21}$$

$$\frac{1}{8} \div 4 = \frac{1}{(8 \times 4)} = \frac{1}{32}$$

$$\frac{1}{3} \div 2 = \frac{1}{(3 \times 2)} = \frac{1}{6}$$

$$\frac{1}{8} \div 5 = \frac{1}{(8 \times 5)} = \frac{1}{40}$$

$$\frac{1}{9} \div 5 = \frac{1}{(9 \times 5)} = \frac{1}{45}$$

$$\frac{1}{4} \div 7 = \frac{1}{(4 \times 7)} = \frac{1}{28}$$

Divide the following fractions:

(Simplify where possible!)

$$\frac{2}{3} \div 2 = \frac{2}{(3 \times 2)} = \frac{2}{6} = \frac{1}{3}$$

$$\frac{3}{4} \div 2 = \frac{3}{(4 \times 2)} = \frac{3}{8} = \text{---}$$

$$\frac{6}{8} \div 4 = \frac{6}{(8 \times 4)} = \frac{6}{32} = \frac{3}{16}$$

$$\frac{2}{3} \div 5 = \frac{2}{(3 \times 5)} = \frac{2}{15} = \text{---}$$

$$\frac{4}{6} \div 7 = \frac{4}{(6 \times 7)} = \frac{4}{42} = \frac{2}{21}$$

$$\frac{2}{4} \div 4 = \frac{2}{(4 \times 4)} = \frac{2}{16} = \frac{1}{8}$$

Divide the following fractions:

(Convert and simplify where possible!)

$$\frac{3}{4} \div \frac{1}{2} = \frac{3}{4} \times \frac{2}{1} = \frac{6}{4} = 1 \frac{1}{2}$$

Flip it!
Keep it!

$$\frac{5}{6} \div \frac{4}{5} = \frac{5}{6} \times \frac{5}{4} = \frac{25}{24} = 1 \frac{1}{24}$$

$$\frac{3}{5} \div \frac{2}{3} = \frac{3}{5} \times \frac{3}{2} = \frac{9}{10} = \frac{9}{10}$$

$$\frac{1}{3} \div \frac{1}{3} = \frac{1}{3} \times \frac{3}{1} = \frac{3}{3} = 1 \text{ ---}$$

$$\frac{1}{3} \div \frac{4}{6} = \frac{1}{3} \times \frac{6}{4} = \frac{6}{12} = \frac{1}{2}$$

$$\frac{2}{6} \div \frac{3}{5} = \frac{2}{6} \times \frac{5}{3} = \frac{10}{18} = \frac{5}{9}$$