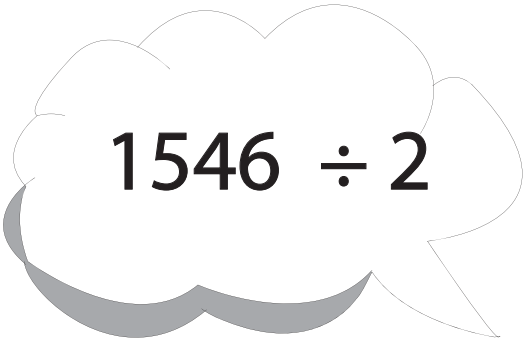
4th Grade

Multiplication and Division

$$2 \overline{)\,8046}$$



$$\begin{array}{r} 705 \\ \times \quad 4 \\ \hline 2,820 \end{array}$$

Workbook I

MathWorksheets4Kids.com

Multiplication

1) 59×17

2) 93×39

3) 82×13

4) 74×43

5) 95×38

6) 73×50

7) 46×83

8) 17×16

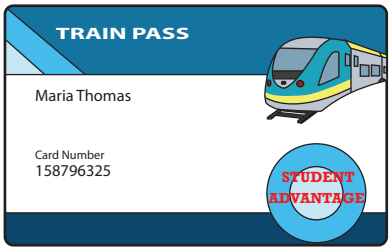
9) 50×49

10) 73×69

11) 35×29

12) 82×19

13) Maria spends $76 for her monthly train pass. How much does she spend for her train pass in a year?



_____

14) 33 beads are used to make a bracelet. How many beads are needed to make 57 bracelets?

_____

Multiplying Three Numbers

1) $5 \times 7 \times 10$	2) $25 \times 3 \times 10$	3) $15 \times 4 \times 8$
4) $30 \times 4 \times 20$	5) $2 \times 9 \times 3$	6) $50 \times 12 \times 10$
7) $11 \times 5 \times 4$	8) $20 \times 15 \times 9$	9) $10 \times 8 \times 7$
10) $13 \times 1 \times 30$	11) $5 \times 14 \times 2$	12) $15 \times 6 \times 50$
13) $7 \times 2 \times 9$	14) $80 \times 30 \times 50$	15) $6 \times 10 \times 4$

Multiplying Four Numbers

1) $20 \times 5 \times 7 \times 30$	2) $2 \times 60 \times 6 \times 10$	3) $15 \times 5 \times 2 \times 50$
4) $3 \times 70 \times 10 \times 4$	5) $15 \times 30 \times 1 \times 20$	6) $8 \times 5 \times 2 \times 6$
7) $80 \times 20 \times 50 \times 10$	8) $5 \times 30 \times 30 \times 7$	9) $60 \times 4 \times 10 \times 2$
10) $9 \times 40 \times 1 \times 5$	11) $90 \times 3 \times 10 \times 4$	12) $45 \times 2 \times 50 \times 20$
13) $70 \times 15 \times 10 \times 2$	14) $4 \times 5 \times 9 \times 2$	15) $8 \times 15 \times 30 \times 10$

Complete the Multiplication Sentence

Complete the multiplication sentence for each problem.

1) ☐ × 12 = 36

2) 4 × ☐ = 44

3) 2 × ☐ = 18

4) 12 × ☐ = 84

5) 9 × ☐ = 9

6) ☐ × 7 = 7

7) ☐ × 11 = 55

8) 5 × ☐ = 50

9) ☐ × 3 = 6

10) ☐ × 8 = 40

11) ☐ × 10 = 120

12) 11 × ☐ = 99

13) 7 × ☐ = 35

14) 5 × ☐ = 60

Balance the Equation

Fill in the box with the missing numbers to balance the multiplication equations.

1) $12 \times 2 = \square \times 4$

2) $\square \times 11 = 11 \times 5$

3) $6 \times \square = 3 \times 10$

4) $8 \times 5 = \square \times 4$

5) $5 \times 4 = 10 \times \square$

6) $\square \times 2 = 8 \times 3$

7) $8 \times 1 = \square \times 2$

8) $12 \times 4 = 6 \times \square$

9) $\square \times 3 = 9 \times 4$

10) $\square \times 7 = 7 \times 8$

11) $1 \times \square = 3 \times 4$

12) $2 \times 9 = \square \times 3$

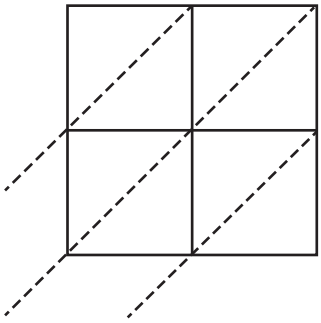
13) $\square \times 3 = 9 \times 1$

14) $4 \times \square = 8 \times 2$

Lattice Multiplication

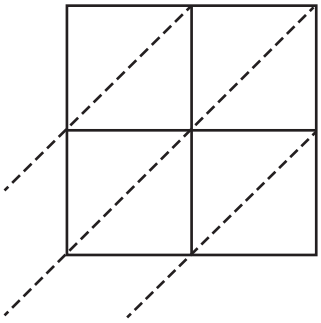
Use lattice multiplication method to find the product in each problem.

1) 45×68



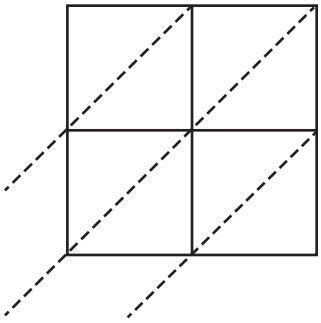
$45 \times 68 =$ _____

2) 18×72



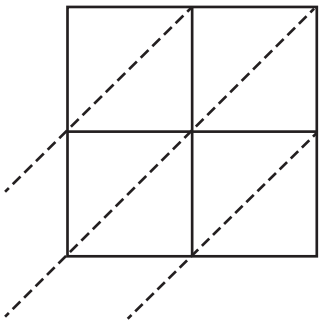
$18 \times 72 =$ _____

3) 36×24



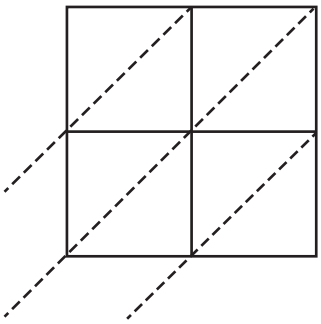
$36 \times 24 =$ _____

4) 79×35



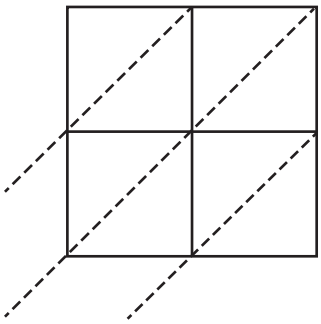
$79 \times 35 =$ _____

5) 54×49



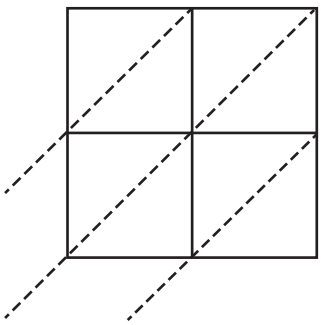
$54 \times 49 =$ _____

6) 98×17



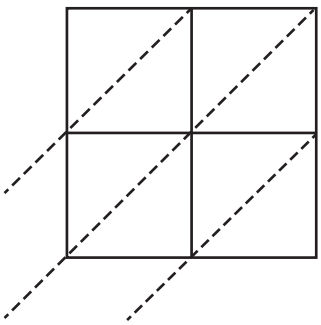
$98 \times 17 =$ _____

7) 21×59



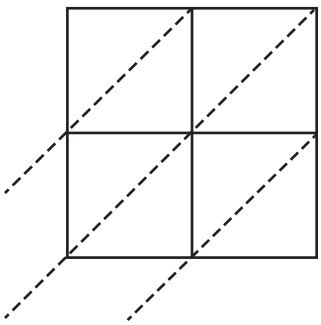
$21 \times 59 =$ _____

8) 80×92



$80 \times 92 =$ _____

9) 63×86



$63 \times 86 =$ _____

2-Digit by 1-Digit Multiplication

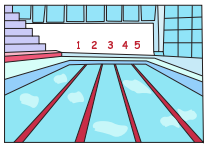
1) George visits a store to buy 2 flash drives. They are priced at $28 each. How much does he need to spend on his purchase?

_____

2) Jim goes to a movie with his parents and brother. Each movie ticket costs $20. How much in all does Jim pay for the tickets?

_____

3) During a practice session, Frank swims an average of 19 laps in an hour. If he were to atttend 5 practice sessions, how many laps will he be able to cover on an average?



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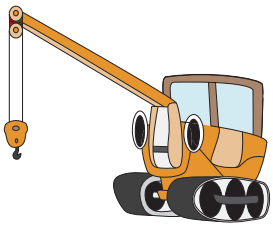
4) James, a crane operator works on 8 hour shifts everyday. If he worked 22 days in a month, how many hours of work did he put in altogether?



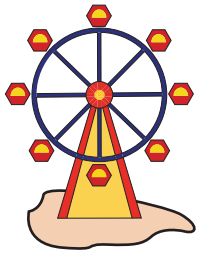
_____

5) Joy made 3 trips to the candy store. For every trip she made, she bought 12 packs of orange candies. How many packs of candies did Joy buy in total?

_____

2-Digit Multiplication

1) A Ferris wheel completes a rotation in 53 seconds. How many seconds in all would it take to complete 13 rotations?



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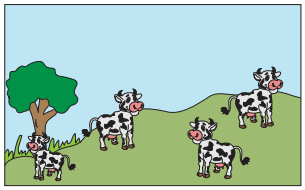
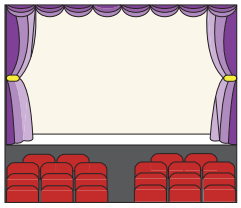
2) A small dairy farm produces 87 gallons of milk in a day. How many gallons of milk will it produce in 15 days?



_____

3) The auditorium at Lion's school has 28 rows in all. If each row consists of 95 seats, calculate the total capacity of the auditorium?

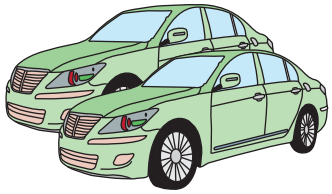


_____

4) Clara and her friends take an average of 13 hours to mow a community lawn over a weekend. How many hours on an average will they take to mow 14 such lawns?

_____

5) It takes an hour for a car manufacturing company to assemble 11 cars. How many cars can the company assemble in 56 hours?



_____

Multiplication - Winter Theme

1) John builds 4 snowmen every day for a week leading upto Christmas. How many snowmen did he build in all? _____

2) John and his twin, Trevor were gearing up for a snowball fight! Trevor made three times the number of snowballs more than John. If John made 12 snowballs, how many snowballs did Trevor make? _____

3) Trevor decorated his winter scrapbook with 8 paper snowflake stickers for each page. If the scrapbook has 15 pages in all, how many snowflake stickers did Trevor use? _____

4) Mr. Allen buys 9 Christmas stockings to decorate the fireplace mantel. If a stocking costs $12, how much did Mr.Allen spend in all on his purchase? _____

5) The Allen twins invited 8 friends over for a 'Batman' themed party. They had 2 cups of hot chocolate each through the day. How many cups of hot chocolate did Mrs. Allen make for her sons and their friends? _____

Multiplication

1) 5,789 × 5	2) 9,505 × 7	3) 683 × 6	4) 4,826 × 8
5) 783 × 9	6) 6,820 × 1	7) 9,125 × 4	8) 126 × 3
9) 2,916 × 2	10) 391 × 8	11) 7,638 × 5	12) 4,273 × 7
13) 3,298 × 4	14) 5,184 × 9	15) 973 × 6	16) 8,190 × 1
17) 251 × 8	18) 9,274 × 2	19) 777 × 3	20) 6,489 × 5
21) 8,344 × 7	22) 542 × 4	23) 2,187 × 6	24) 708 × 9

Multiplication

1) $1,976 \times 8$

2) 885×9

3) $6,540 \times 6$

4) 194×7

5) 980×3

6) $2,647 \times 5$

7) 748×2

8) $5,389 \times 4$

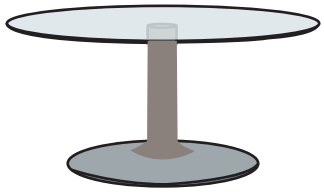
9) 523×6

10) $7,894 \times 1$

11) 469×8

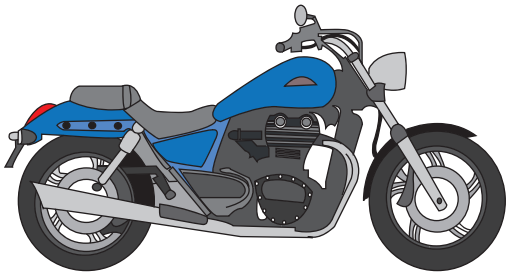
12) $3,892 \times 5$

13) Jon went to Orange Furniture Store to buy some coffee tables for his cafe. He selected a glass top coffee table costing $359. How much would it cost him to buy 9 coffee tables?



_____

14) A best-selling street bike was launched in 2014. If the cost of the bike was $8,479, how much would have been the cost of 5 bikes?



_____

Multiplication

1) 829 × 40

2) 362 × 15

3) 491 × 29

4) 215 × 36

5) 951 × 84

6) 536 × 60

7) 158 × 72

8) 692 × 57

9) 726 × 93

10) 814 × 49

11) 372 × 35

12) 487 × 18

13) 180 × 31

14) 698 × 26

15) 500 × 54

16) 285 × 68

17) 925 × 37

18) 382 × 41

19) 416 × 80

20) 721 × 26

Multiplication

1) 12,492 × 45

2) 6,192 × 36

3) 53,476 × 77

4) 8,104 × 92

5) 73,438 × 81

6) 2,130 × 62

7) 92,603 × 43

8) 5,142 × 17

9) 74,267 × 38

10) 4,201 × 29

11) 6,084 × 70

12) 27,379 × 83

13) 19,892 × 65

14) 35,274 × 26

15) 7,483 × 48

Multiplication

1) 59,147 × 12

2) 6,840 × 27

3) 34,159 × 93

4) 8,647 × 38

5) 10,862 × 84

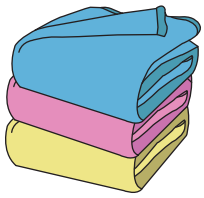
6) 7,314 × 45

7) 92,391 × 59

8) 4,618 × 62

9) 25,065 × 71

10) A merchant placed a bulk order for plush blankets at a wholesale online store. If the cost of a luxurious blanket is $32, how much would he have to pay to purchase 2,691 plush blankets?



_____

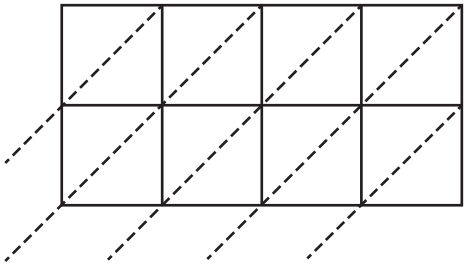
11) An ounce of 24-karat gold costs $1,054. How much do 46 ounces of 24-karat gold cost?

_____

Lattice Multiplication

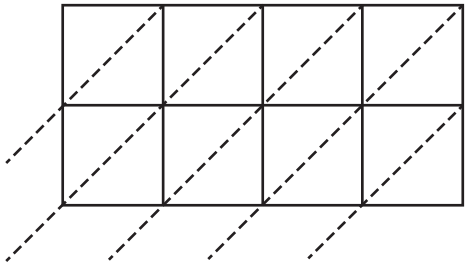
Use lattice multiplication method to find the product in each problem.

1) 6218×92



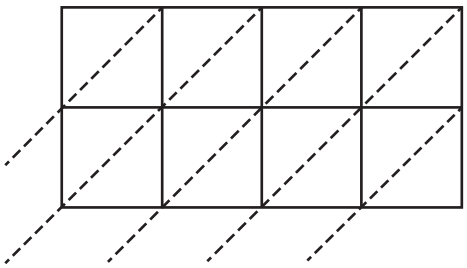
$6218 \times 92 =$ _____

2) 2467×75



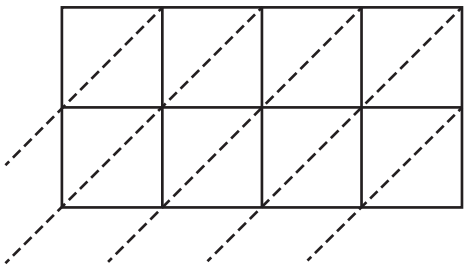
$2467 \times 75 =$ _____

3) 4051×37



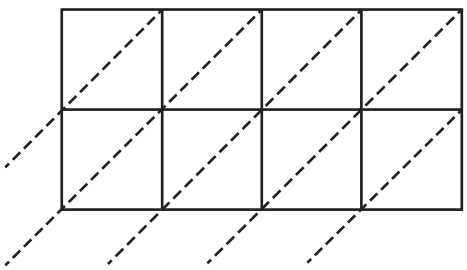
$4051 \times 37 =$ _____

4) 9852×18



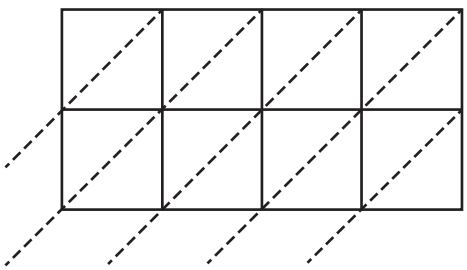
$9852 \times 18 =$ _____

5) 3279×50



$3279 \times 50 =$ _____

6) 7634×83



$7634 \times 83 =$ _____

3-Digit by 2-Digit Multiplication

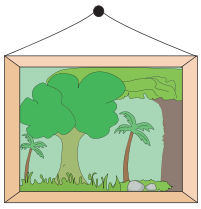
1) A distilled water supplier supplies an average of 57 cans of water a day to a medium-scale company. Find the number of cans it would sell in a leap year?

_____

2) Bennett, a craftsman receives an order to silver-plate 103 teapots. He charges $32 to silver-plate a teapot. How much is the order worth?

_____

3) A private art gallery managed to sell a total of 98 paintings in one day. The sales averaged out to $482 per painting. Find the revenue generated from the sales made by the art gallery?



_____

4) A team of soccer players spend an average of 15 minutes on weight training per practice session. How many minutes of weight training on an average would they have completed in 116 practice sessions?

_____

5) A semiskilled worker in a steel manufacturing company earns $79 as daily wages. How much will the company need to pay 313 such workers employed with them?

_____

Multiplication

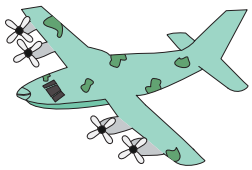
1) 124 bottles of mineral water can be packed in a corrugated box. How many bottles can be accommodated in 6 such boxes?

_____

2) The annual preschool fee for St.John's school is $1,740. Mrs.Gillian admits her triplets in the beginning of the school year. What is the total annual fees paid by Gillian?

_____

3) A fighter aircraft travels at a speed of 652 mph. How many miles will the aircraft cover in a flying time of 3 hours?



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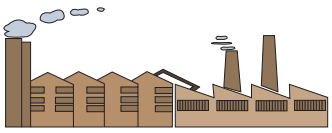
4) A thermal power plant requires 1,100 gallons of water to cool it down every hour. How many gallons of water will the reactor require for 7 hours?



_____

5) Tim bought 8 packs of sugar candies. If each pack contains 115 candies, how many candies does Tim have in all?

_____

Division

No remainder

1) $7 \overline{)2,562}$

2) $5 \overline{)9,305}$

3) $4 \overline{)4,616}$

4) $9 \overline{)3,807}$

5) $3 \overline{)6,291}$

6) $6 \overline{)1,128}$

7) $2 \overline{)8,254}$

8) $8 \overline{)5,920}$

9) $7 \overline{)7,483}$

Division

With remainder

1) $2 \overline{)3,749}$

2) $7 \overline{)5,697}$

3) $6 \overline{)4,306}$

4) $7 \overline{)9,568}$

5) $8 \overline{)2,285}$

6) $3 \overline{)7,519}$

7) $4 \overline{)8,534}$

8) $9 \overline{)1,111}$

9) $5 \overline{)6,053}$

Division

1) $3 \overline{)5,013}$

2) $5 \overline{)4,480}$

3) $9 \overline{)6,775}$

4) $6 \overline{)7,654}$

5) $8 \overline{)9,982}$

6) $3 \overline{)3,279}$

7) $2 \overline{)8,597}$

8) $4 \overline{)2,348}$

9) $7 \overline{)1,846}$

Divisibility Rule - 2

State whether the number is divisible by 2.

1) 53,764 _____

2) 345 _____

3) 1,246 _____

4) 4,348 _____

5) 69,749 _____

6) 15 _____

7) 738 _____

8) 92,576 _____

9) 9,350 _____

10) 3,273 _____

11) 47 _____

12) 17,462 _____

13) 2,182 _____

14) 35,580 _____

15) 5,728 _____

16) 25,785 _____

17) 73,457 _____

18) 6,564 _____

19) 92 _____

20) 8,431 _____

Divisibility Rule

A) Circle the numbers that are divisible by 2.

42,391	186	78	29	513	92,460
8,862	105,743	41,346	6,437	375,648	86,435
250,860	17	546,825	75,722	3,769	734

B) Circle the numbers that are divisible by 4.

25,368	7,526	317,740	945,341	32,844	512
645	3,892	2,442	15,012	52,186	8,409
53,420	301,570	481,664	225	837	6,236

C) Circle the numbers that are divisible by 8.

964,726	86,340	101,088	4,456	3,233	50,736
5,232	4,900	30,384	197,520	507,123	6,481
27,568	4,584	38,676	2,975	46,672	768,945

Divisibility Rule

Is the number to the left of each row divisible by the number at the top of each column? Check the boxes.

	2	3	4	5	6	7	8	9	10
995,568									
477									
2,583									
70,688									
305,841									
735									
6,696									
831,170									
14,049									
3,438									
28,872									
800									