

**Math Packet for Fifth  
Graders going into  
Sixth Grade.**

Multiplying Whole Numbers and Decimals. Remember to put the decimal point in the correct place in the product.

1. 
$$\begin{array}{r} 0.12 \\ \times 6 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 0.08 \\ \times 7 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 4.6 \\ \times 3 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 5.05 \\ \times 8 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 6.5 \\ \times 13 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 1.906 \\ \times 28 \\ \hline \end{array}$$

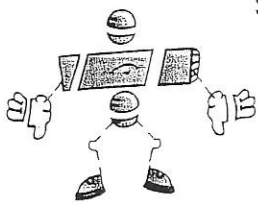
7. 
$$\begin{array}{r} 7.0216 \\ \times 52 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 6.65 \\ \times 77 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 5.364 \\ \times 93 \\ \hline \end{array}$$

Find the quotient by dividing whole numbers.

EXAMPLE:



$$\begin{array}{r} 92 \text{ R } 1 \\ 9 \overline{)829} \\ \underline{81} \phantom{0} \\ 19 \\ \underline{18} \\ 1 \end{array}$$

$829 \div 9 = 92$  with a remainder of 1

Use mental math or scratch paper if needed.

10  $8 \overline{)231}$

11  $5 \overline{)3,305}$

12  $83 \overline{)4,978}$

13  $57 \overline{)92,831}$

14  $4 \overline{)394}$

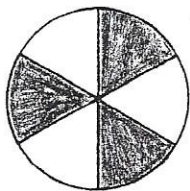
15  $75 \overline{)675}$

16  $59 \overline{)4,538}$

17  $40 \overline{)73,847}$

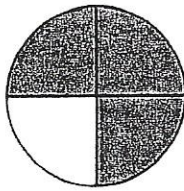
Write the fraction that tells what part is shaded.

18



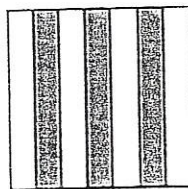
\_\_\_\_\_

19



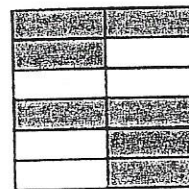
\_\_\_\_\_

20



\_\_\_\_\_

21



\_\_\_\_\_

Find the next number in the number patterns below.



22. 4, 8, 16, 32, 64, \_\_\_\_\_

23. 1, 4, 7, 6, 9, 12, 11, \_\_\_\_\_

24. 1, 4, 7, 10, 13, 16, \_\_\_\_\_

25. 3, 3, 6, 5, 5, 10, 8, 8, 16, 13, 13, \_\_\_\_\_

26. 3, 5, 8, 12, 17, 23, \_\_\_\_\_

21. 0, 1, 2, 2, 3, 4, 5, 5, 6, 7, 8, 8, 9, 10, \_\_\_\_\_

28. 6, 36, 66, 96, \_\_\_\_\_

29. 1, 1, 1, 3, 2, 2, 2, 6, 5, 5, 5, 15, 14, 14, 14, \_\_\_\_\_

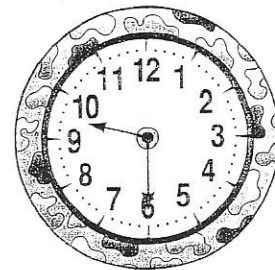
**What Time Is It?**

30. What time was it 2 hours and 30 minutes earlier?



\_\_\_\_\_

31. What time was it 1 hour and 15 minutes earlier?



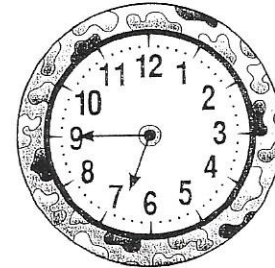
\_\_\_\_\_

32. What time will it be in 4 hours and 30 minutes?



\_\_\_\_\_

33. What time was it 3 hours and 45 minutes earlier?



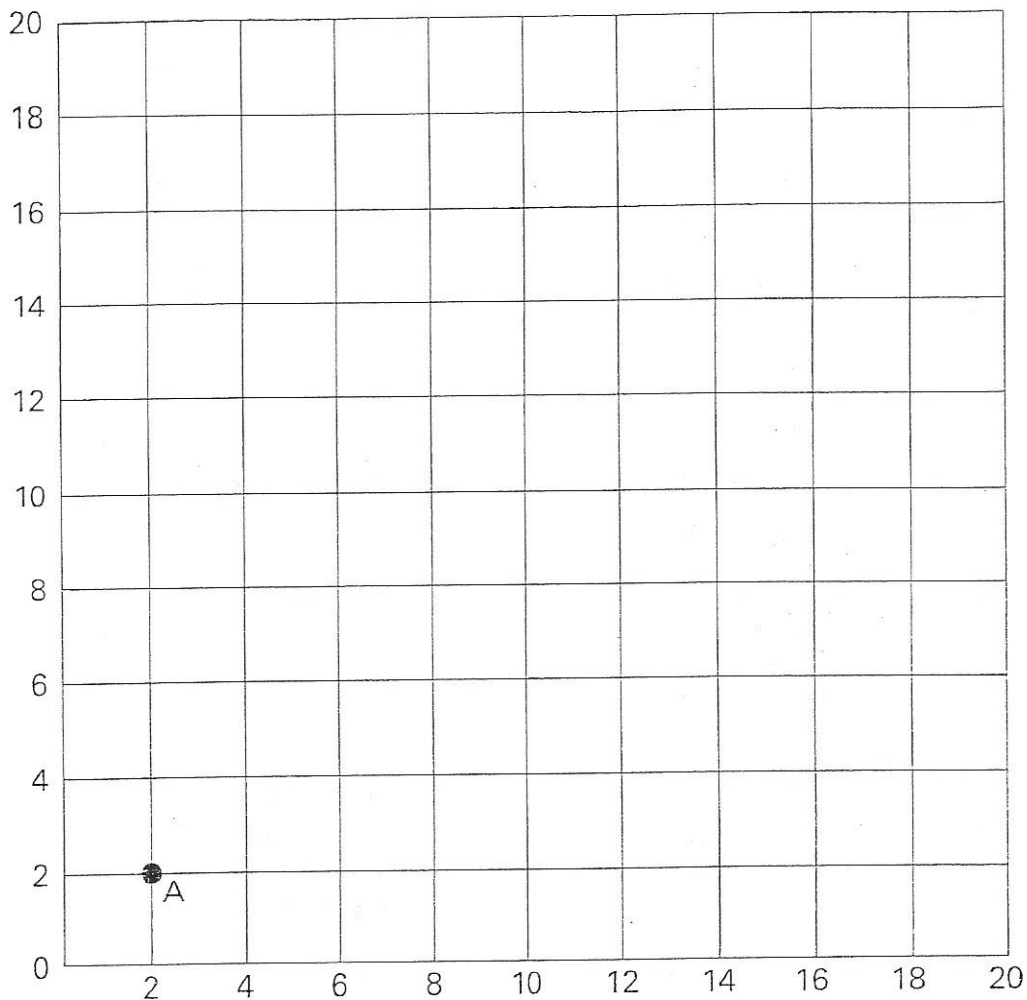
\_\_\_\_\_

Chart the graph point by point. The first number tells how far to go to the right. The second number tells how far to move up. The distance between the grid lines represents 2 units.



34 Place the dot and letter on the point called for. The first one is done for you.

- (2, 2) dot A
- (12, 16) dot H
- (16, 12) dot J
- (6, 4) dot P
- (14, 10) dot K
- (10, 14) dot G
- (4, 6) dot B
- (8, 12) dot F
- (8, 6) dot O
- (12, 8) dot L
- (8, 10) dot D
- (10, 8) dot N
- (13, 13) dot I
- (6, 8) dot C
- (10, 11) dot E
- (11, 10) dot M
- (16, 4) draw a ☆
- (4, 14) draw a ☐
- (2, 18) draw a ○
- (16, 8) draw a ●
- (2, 10) draw a ⊙
- (10, 18) draw a ☐



Connect dots A through P in alphabetical order.

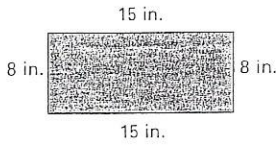
3. Connect dot P to A.

Connect dots E to I and I to M.

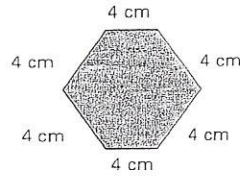
Find the Perimeter.



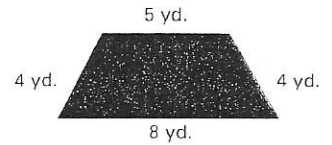
**Remember:** To find the perimeter, you have to add the lengths of each side.



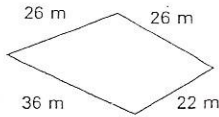
35 \_\_\_\_\_ inches



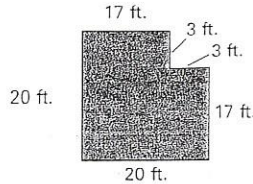
37 \_\_\_\_\_ centimeters



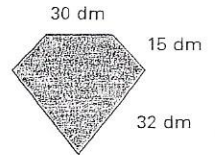
39 \_\_\_\_\_ yards



36 \_\_\_\_\_ meters



38 \_\_\_\_\_ feet

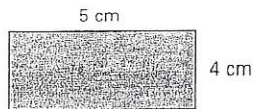
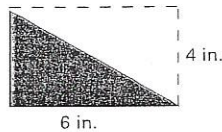


40 \_\_\_\_\_ decimeters

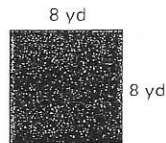
Find the Area.

**Remember:** Area is measured in square units.  
Area = length  $\times$  width.

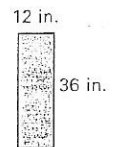
**Remember:** Area =  $\frac{1}{2} \times$  base  $\times$  height  
for triangles



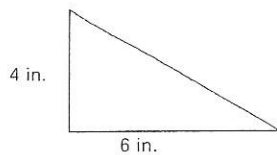
41. \_\_\_\_\_ cm<sup>2</sup> (square centimeters)



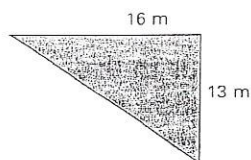
42 \_\_\_\_\_ square yards



43 \_\_\_\_\_ square inches



44 \_\_\_\_\_ square inches



45 \_\_\_\_\_ m<sup>2</sup>



46 \_\_\_\_\_ dm<sup>2</sup>



Simplify the fractions down to the lowest term possible.

EXAMPLE:

$$47 \frac{5}{10} = \frac{1}{2}$$

$$52 \frac{8}{12} = \text{---}$$

$$48 \frac{50}{75} = \text{---}$$

$$53 \frac{16}{20} = \text{---}$$

$$49 \frac{24}{32} = \text{---}$$

$$54 \frac{75}{100} = \text{---}$$

$$50 \frac{10}{35} = \text{---}$$

$$55 \frac{4}{18} = \text{---}$$

$$51 \frac{150}{200} = \text{---}$$

$$56 \frac{32}{40} = \text{---}$$

DIRECTIONS:

Solve each problem below

$$63 \frac{1}{3} \times \frac{2}{3} = \text{---}$$

$$64 \frac{2}{5} \times \frac{5}{3} = \text{---}$$

$$65 \frac{1}{2} \times \frac{2}{4} = \text{---}$$

$$66 \frac{5}{6} \times \frac{3}{2} = \text{---}$$

$$67 \frac{11}{12} \times \frac{2}{3} = \text{---}$$

Subtract.

$$57 \begin{array}{r} 7 \\ - 4 \frac{3}{4} \\ \hline \end{array}$$

$$60 \begin{array}{r} 10 \\ - 5 \frac{3}{6} \\ \hline \end{array}$$

$$58 \begin{array}{r} 4 \\ - 3 \frac{2}{10} \\ \hline \end{array}$$

$$61 \begin{array}{r} 9 \\ - 7 \frac{4}{5} \\ \hline \end{array}$$

$$59 \begin{array}{r} 5 \\ - 4 \frac{3}{5} \\ \hline \end{array}$$

$$62 \begin{array}{r} 6 \\ - 5 \frac{1}{2} \\ \hline \end{array}$$

Divide.

$$68 \frac{1}{2} \div \frac{1}{10} = \text{---}$$

$$69 \frac{5}{6} \div \frac{2}{3} = \text{---}$$

$$70 \frac{2}{5} \div \frac{4}{15} = \text{---}$$

$$71 \frac{1}{9} \div \frac{2}{3} = \text{---}$$

$$72 \frac{2}{7} \div \frac{6}{7} = \text{---}$$

$$73 \frac{1}{4} \div \frac{1}{8} = \text{---}$$

$$74 \frac{7}{8} \div \frac{1}{2} = \text{---}$$

$$75 \frac{7}{12} \div \frac{1}{3} = \text{---}$$

$$76 \frac{3}{8} \div \frac{1}{2} = \text{---}$$

$$77 \frac{4}{5} \div \frac{9}{10} = \text{---}$$

Subtract. Write the answer in simplest form.

78 1.  $\frac{9}{10} - \frac{2}{5} =$  \_\_\_\_\_

81 2.  $\frac{5}{6} - \frac{1}{2} =$  \_\_\_\_\_

79 4.  $\frac{7}{12} - \frac{1}{4} =$  \_\_\_\_\_

82 5.  $\frac{1}{2} - \frac{2}{8} =$  \_\_\_\_\_

80 7.  $\frac{3}{4} - \frac{1}{3} =$  \_\_\_\_\_

83 8.  $\frac{11}{12} - \frac{1}{3} =$  \_\_\_\_\_

Write as a fraction and a decimal.

84 43% \_\_\_\_\_ 87 16% \_\_\_\_\_

85 1% \_\_\_\_\_ 88 72% \_\_\_\_\_

86 14% \_\_\_\_\_ 89 25% \_\_\_\_\_

Write as a fraction and a percent.

90 0.47 \_\_\_\_\_ 93 0.05 \_\_\_\_\_

91 0.08 \_\_\_\_\_ 94 0.17 \_\_\_\_\_

92 0.64 \_\_\_\_\_ 95 0.59 \_\_\_\_\_

Use < (less than), > (greater than), and = (equal to) to compare these fractions.

96  $\frac{7}{15} \square \frac{9}{15}$

98  $\frac{3}{4} \square \frac{6}{8}$

100  $\frac{4}{6} \square \frac{1}{3}$

97  $\frac{5}{9} \square \frac{5}{8}$

99  $\frac{7}{8} \square \frac{14}{16}$

101  $\frac{9}{9} \square \frac{8}{8}$