Math Buzz
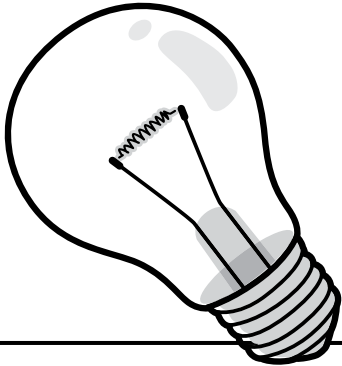
Name: _____

There are a total of 540 light bulbs in the Waterfront Hotel. If each floor of the hotel has 90 light bulbs, how many floors are there at the Waterfront Hotel?

answer: _____ **floors**

What is the smallest seven-digit number that can be made from the number cards shown?

| 5 | 9 | 1 | 4 | 6 | 8 | 2 |

Multiply.

?

A   B   C   D

Draw a right angle.

Name: _____

Math Buzz

Solve each side and compare using > , < , =.

(5 x 8) ÷ 10 _____ 9 x (9 ÷ 3)   **(2 x 8) ÷ 4 _____ (6 x 6) ÷ 9**

Mrs. Swanson had 8 gallons of spiced apple cider to sell at the fall festival. If there are 4 quarts in a gallon, how many quarts of cider did Mrs. Swanson have?

Show your work

Find the products.

26 x 10 = _____

26 x 100 = _____

26 x 1,000 =

answer: _____ **quarts**

Complete the number sentence to match the tape diagram.

1

| $\frac{1}{10}$ | $\frac{1}{10}$ | $\frac{1}{10}$ | $\frac{1}{10}$ | $\frac{1}{10}$ | $\frac{1}{10}$ | $\frac{1}{10}$ | $\frac{1}{10}$ | $\frac{1}{10}$ | $\frac{1}{10}$ |
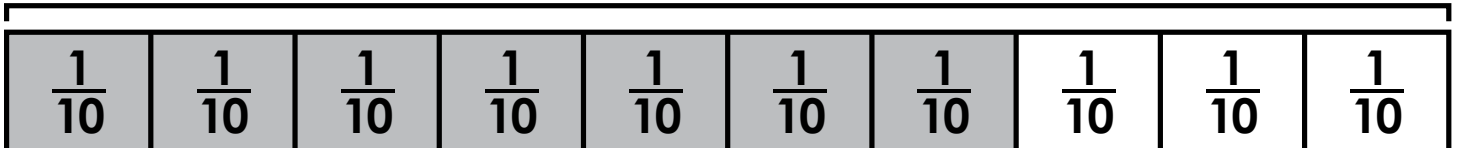
$$\frac{\square}{10} = \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10}$$
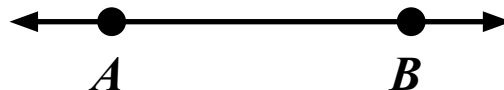
Name: _____

Math Buzz

The kiddie pool at the community center is 5 meters wide. The length is twice as long as the width. What is the area of the kiddie pool?

Show your work

Area = _____ **square meters**

Multiply.

		5	**7**	
	x		**6**	

Circle the name of the figure shown.

A   *B*

Point *AB*   Ray *AB*

Line *AB*   Line Segment *AB*

Draw an acute angle.

Complete the table.

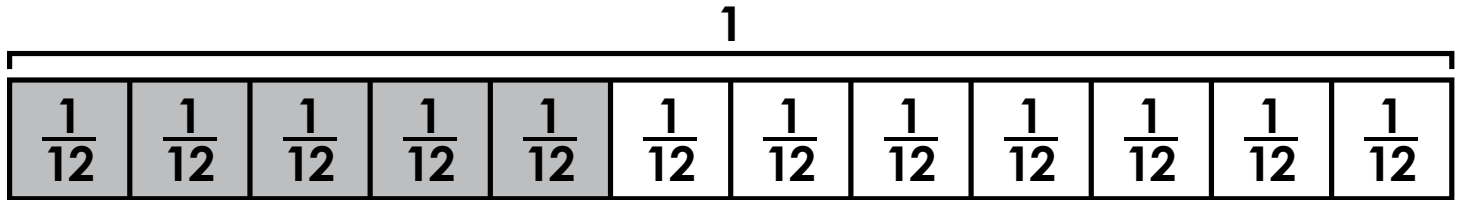| Input	Output
3,169,769	1,904,299
4,454,348	
5,293,091	
7,082,799	

Rule: Subtract 1,265,470

Name: _____
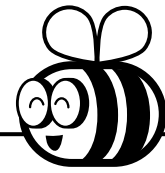
Math Buzz

Complete the number sentence to match the tape diagram.

1

| $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ |

$$\frac{\square}{12} = \frac{1}{12} + \frac{1}{12} + \frac{1}{12} + \frac{1}{12} + \frac{1}{12}$$

Fill in the missing multiples of **12**.

64,000 ÷ 10 = _____

64,000 ÷ 100 = _____

64,000 ÷ 1,000 = _____

many people visited the museum last year. Bree estimated 750,000. Ronin estimated 975,000. The tour guide said 823,974 people visited last year. Whose estimate is more reasonable?

Bree   **Ronin**

Explain the difference between perpendicular and intersecting lines.

_____

_____

Math Buzz

Draw an obtuse angle.

Circle the factors pairs of **40**.

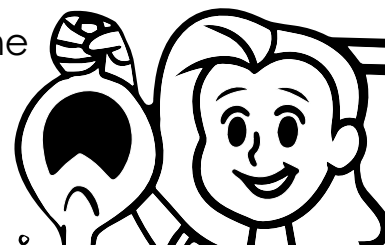|		
1, 40	25, 15	5, 8
2, 20	4, 10	30, 10

Each week, Mrs. Fletcher uses 1,000 milliliters of water for the plants in her classroom. Complete the table to show how many liters she uses to water her plants during 6 weeks.

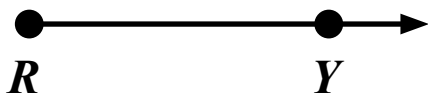| Milliliters	Liters
6,000	

answer: _____ **liters**

Circle the name of the figure shown.

R ●————————● Y

Ray **RY**   Line Segment **RY**

Line **RY**   Point **RY**

Multiply.

		8	4
	x		7

There are a total of 540 light bulbs in the Waterfront Hotel. If each floor of the hotel has 90 light bulbs, how many floors are there at the Waterfront Hotel?

540 ÷ 90 = 6

answer: ____**6**____ floors
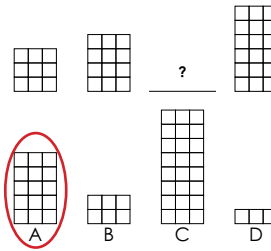

What is the smallest seven-digit number that can be made from the number cards shown?

| 5 | 9 | 1 | 4 | 6 | 8 | 2 |

1,245,689

Multiply.

$$\begin{array}{r} {\scriptstyle 2} \\ 9\,4 \\ \times \quad 5 \\ \hline 4\,7\,0 \end{array}$$

What is the missing figure in the pattern?

(A) B C D

Draw a right angle.
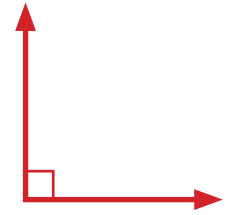
Answers may vary.

Solve each side and compare using >, <, =.

(5 x 8) ÷ 10 < 9 x (9 ÷ 3)
40 ÷ 10   **9 x 3**
4   **27**

(2 x 8) ÷ 4 = (6 x 6) ÷ 9
16 ÷ 4   **36 ÷ 9**
4   **4**

Mrs. Swanson had 8 gallons of spiced apple cider to sell at the fall festival. If there are 4 quarts in a gallon, how many quarts of cider did Mrs. Swanson have?
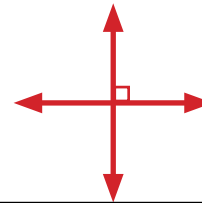
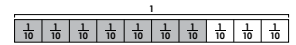**8 x 4 = 32**

Find the products.

26 x 10 = ____260____

26 x 100 = ____2,600____

26 x 1,000 = ____26,000____

Draw a pair of perpendicular lines.

Complete the number sentence to match the tape diagram.

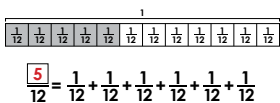| $\frac{1}{10}$ | $\frac{1}{10}$ | $\frac{1}{10}$ | $\frac{1}{10}$ | $\frac{1}{10}$ | $\frac{1}{10}$ | $\frac{1}{10}$ | $\frac{1}{10}$ | $\frac{1}{10}$ | $\frac{1}{10}$ |

$$\frac{\boxed{7}}{10} = \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10}$$

Complete the number sentence to match the tape diagram.

| $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ |

$$\frac{\boxed{5}}{12} = \frac{1}{12} + \frac{1}{12} + \frac{1}{12} + \frac{1}{12} + \frac{1}{12}$$

Fill in the missing multiples of **11**.

12, **24**, **36**, **48**, 60,

72, **84**, **96**, **108**, 120

Find the quotients.

64,000 ÷ 10 = ____6,400____

64,000 ÷ 100 = ____640____

64,000 ÷ 1,000 = ____64____

Mr. Yorke's class went on a field trip to the art museum. The tour guide asked the students to estimate how many people visited the museum last year. Bree estimated 750,000. Ronin estimated 975,000. The tour guide said 823,974 people visited last year. Whose estimate is more reasonable?

(**Bree**)   **Ronin**

Explain the difference between perpendicular and intersecting lines.

Perpendicular lines intersect at a right angle. Intersecting lines can intersect at any angle.

Answers may vary.

Draw an obtuse angle.
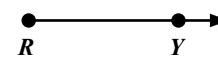
Answers may vary.

Circle the factors pairs of **40**.

(**1, 40**)   **25, 15**

(**2, 20**)   (**4, 10**)

30, 10   (**5, 8**)

Milliliters	Liters
1,000	1
2,000	**2**
3,000	**3**
4,000	**4**
5,000	5
6,000	**6**

answer: ____**6**____ liters

Circle the name of the figure shown.

R ●————————● *Y* →

(Ray *RY*)

Line Segment *RY*

Line *RY*

Point *RY*

Multiply.

$$\begin{array}{r} {\scriptstyle 2} \\ 8\,4 \\ \times \quad 7 \\ \hline 5\,8\,8 \end{array}$$