



Name: \_\_\_\_\_

# Math Buzz

Attendance at this year's big game was 62,417 people. Last year's attendance was 70,081 people. How many fewer people attended this year's big game than last year?

	<b>70,081</b>
<i>a</i>	<b>62,417</b>

*a* = \_\_\_\_\_ people

Draw a line to match each number.

**7,000,000 + 900,000 +  
10,000 + 6,000 + 50**

**7,009,615**

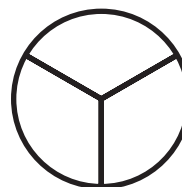
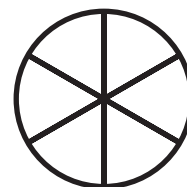
**seven million  
nine thousand,  
six hundred fifteen**

**7,000,000 + 90,000 +  
6,000 + 500**

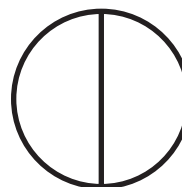
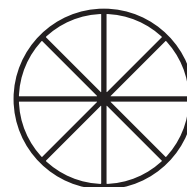
**7,096,500**

**seven million, nine  
hundred sixteen  
thousand, fifty**

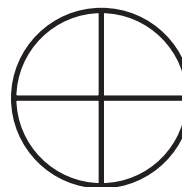
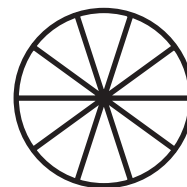
Shade each fraction, then compare using  $>$ ,  $<$ ,  $=$ .


 $\frac{2}{3}$ 

 $\frac{3}{6}$ 

\_\_\_\_\_


 $\frac{1}{2}$ 

 $\frac{6}{8}$ 

\_\_\_\_\_


 $\frac{2}{4}$ 

 $\frac{5}{10}$ 

\_\_\_\_\_

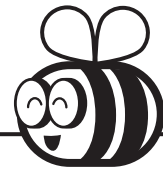
Add.

$$\underline{\hspace{10em}} = 159,358 + 2,764,592 + 485,236$$

$$3,268,516 + 824,347 + 5,642,873 = \underline{\hspace{10em}}$$

Fill in the missing multiples of 6.

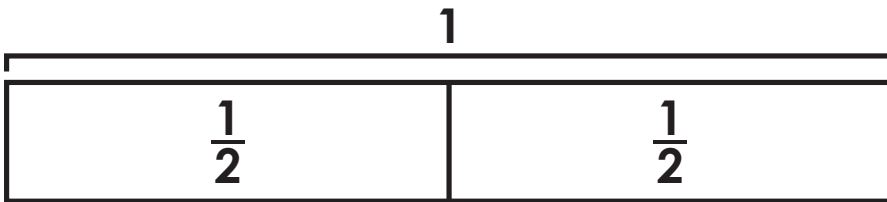
**6** ,  ,  ,  , **30** ,  ,  ,  ,  , **60** ,  ,



Name: \_\_\_\_\_

# Math Buzz

Complete the number sentence to match the tape diagram.



$$1 = \frac{\square}{2} = \frac{1}{2} + \frac{1}{2}$$

Fill in the missing numbers.

$$54 \div \square = 9$$

$$5 = 25 \div \square$$

$$\square \div 4 = 7$$

Complete the table.

<b>Input</b>	50,648	94,315	49,061	78,203
<b>Output</b>			40,482	

Rule: Subtract 8,579

Circle the values of the underlined digits.

**483,561**

8,000    80,000    800,000

**217,985**

2,000    20,000    200,000

**945,324**

5,000    50,000    500,000

The fourth grade classes went on a field trip to the Wildwood Nature Preserve. There were 43 students on Bus A and 37 students on Bus B. When they got to the nature preserve, the teachers divided the students into ten equal groups.

How many students were in each group? \_\_\_\_\_

Round the number of students in each group to the nearest ten. \_\_\_\_\_



Name: \_\_\_\_\_

# Math Buzz

Fill in the missing numbers.

$$30 \times \square = 210$$

$$360 = 90 \times \square$$

$$\square \times 80 = 480$$

Order the numbers from **least to greatest**.

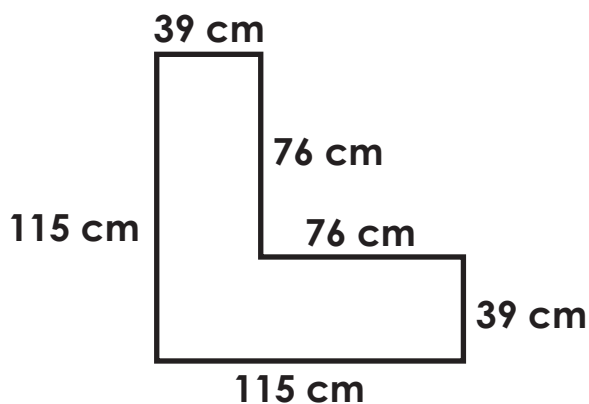
$$500,000 + 7,000 + 20 + 8$$

$$5,072,800$$

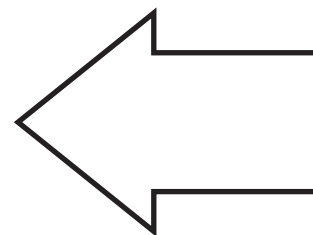
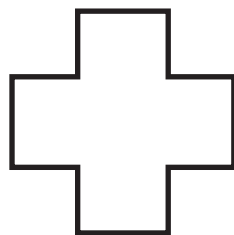
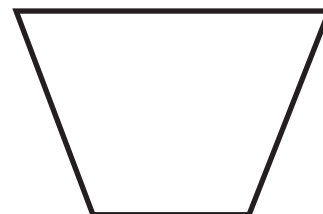
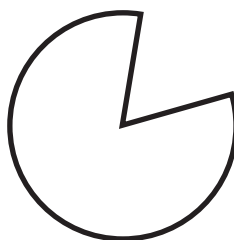
fifty-seven thousand,  
two hundred eighty

\_\_\_\_\_

Mr. Thornton's fourth grade class has a pet guinea pig. Find the perimeter of the guinea pig's cage.



Perimeter: \_\_\_\_\_ cm

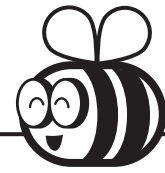
Find and draw **all** lines of symmetry for the following figures.

Complete the table.

<b>Input</b>	68,594	20,875	89,367	32,486
<b>Output</b>		25,533		

Rule: Add 4,658

Name: \_\_\_\_\_

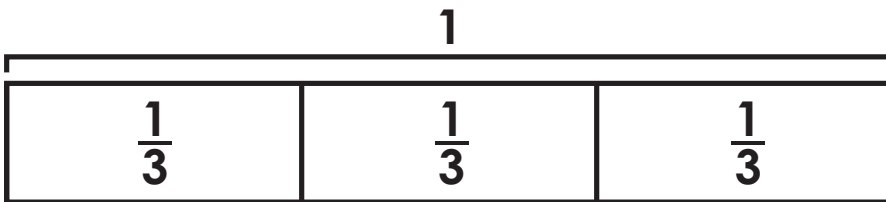


# Math Buzz

Fill in the missing multiples of 7.

7, , , , 35, , , , , 70, ,

Complete the number sentence to match the tape diagram.



$$1 = \frac{\square}{3} = \frac{1}{3} + \frac{1}{3} + \frac{1}{3}$$

Complete the chart.

**918,463**

Subtract 1,000	
Subtract 10,000	
Subtract 100,000	

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

$$87,514 + 549,286 \quad \underline{\hspace{2cm}} \quad 358,151 + 278,649$$

$$845,726 - 229,682 \quad \underline{\hspace{2cm}} \quad 780,278 - 91,792$$

Mrs. Gionta's students are researching the 50 states in Social Studies class. Wyatt chose Alaska because it is the largest state by area in the United States. In his report he wrote that Alaska has a land area of 570,641 square miles and a water area of 94,743 square miles. What is the total area of Alaska?

$a =$  \_\_\_\_\_ square miles

$a$	
<b>570,641</b>	<b>94,743</b>



Name: \_\_\_\_\_

# Math Buzz

Circle the numbers that round to **630,000**.
**636,407**      **627,243**      **624,756**
**634,879**      **625,361**      **631,675**
**629,180**      **613,598**      **621,997**

Complete the chart.

**509,648**

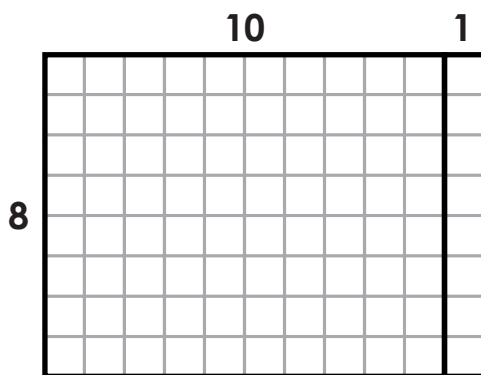
Add 1,000	Add 10,000	Add 100,000

There were nine plates of cupcakes on the snack table at the school's harvest festival. Each plate had eight cupcakes. Thirty-six cupcakes were vanilla and the rest were chocolate.

How many cupcakes were chocolate? \_\_\_\_\_

Round the number of chocolate cupcakes to the nearest ten. \_\_\_\_\_

Use the distributive property to solve.



$$8 \times 11 = \underline{\quad}$$

$$8 \times (10 + 1) = \underline{\quad}$$

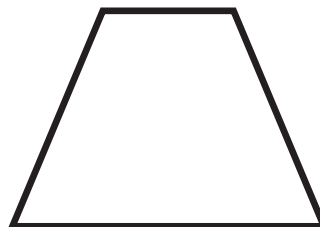
$$(8 \times 10) + (8 \times 1) = \underline{\quad}$$

How many sets of **parallel sides** does each shape have?

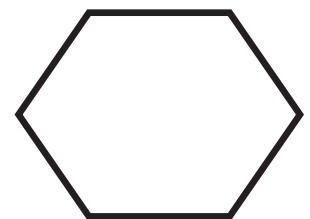
\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



Attendance at this year's big game was 62,417 people. Last year's attendance was 70,081 people. How many fewer people attended this year's big game than last year?

	70,081
<i>a</i>	62,417

$70,081 - 62,417 = 7,664$

*a* = 7,664 people

Shade each fraction, then compare using  $>$ ,  $<$ ,  $=$ .

$\frac{2}{3} > \frac{3}{6}$

$\frac{1}{2} < \frac{6}{8}$

$\frac{2}{4} = \frac{5}{10}$

Draw a line to match each number.

7,000,000 + 900,000 + 10,000 + 6,000 + 50

7,009,615

seven million nine thousand six hundred fifteen

7,000,000 + 90,000 + 6,000 + 500

seven million, nine hundred sixteen thousand, fifty

7,096,500

Add.

$3,409,186 = 159,358$   
 $+ 2,764,592 + 485,236$

$3,268,516 + 824,347 + 5,642,873 = 9,735,736$

Fill in the missing multiples of 6.

6, 12, 18, 24, 30,

36, 42, 48, 54,

60, 66, 72

Complete the number sentence to match the tape diagram.

1	
$\frac{1}{2}$	$\frac{1}{2}$

$1 = \frac{2}{2} = \frac{1}{2} + \frac{1}{2}$

Fill in the missing numbers.

$54 \div \boxed{6} = 9$

$5 = 25 \div \boxed{5}$

$\boxed{28} \div 4 = 7$

Complete the table.

Input	50,648	94,315	49,061	78,203
Output	<u>42,069</u>	<u>85,736</u>	40,482	<u>69,624</u>

Rule: Subtract 8,579

Circle the values of the underlined digits.

483,561

8,000 80,000 800,000

217,985

2,000 20,000 200,000

945,324

5,000 50,000 500,000

How many students were in each group?

8

Round the number of students in each group to the nearest ten.

10

Fill in the missing numbers.

$30 \times \boxed{7} = 210$

$360 = 90 \times \boxed{4}$

$\boxed{6} \times 80 = 480$

Order the numbers from least to greatest.

500,000 + 7,000 + 20 + 8

5,072,800

fifty-seven thousand, two hundred eighty

57,280 507,028 5,072,800

Mr. Thornton's fourth grade class has a pet guinea pig. Find the perimeter of the guinea pig's cage.

$115 + 115 + 76 + 76 + 39 + 39 = 460$

Perimeter: 460 cm

Find and draw all lines of symmetry for the following figures.

Complete the table.

Input	68,594	20,875	89,367	32,486
Output	<u>73,252</u>	25,533	<u>94,025</u>	<u>37,144</u>

Rule: Add 4,658

Fill in the missing multiples of 7.

7, 14, 21, 28, 35,

42, 49, 56, 63,

70, 77, 84

Complete the number sentence to match the tape diagram.

1		
$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$

$1 = \frac{3}{3} = \frac{1}{3} + \frac{1}{3} + \frac{1}{3}$

Complete the chart.

918,463	
Subtract 1,000	<u>917,463</u>
Subtract 10,000	<u>908,463</u>
Subtract 100,000	<u>818,463</u>

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

$87,514 + 549,286 = 636,800$

$358,151 + 278,649 = 636,800$

$845,726 - 229,682 = 616,044$

$780,278 - 91,792 = 688,486$

<i>a</i>	
570,641	94,743

$570,641 + 94,743 = 665,384$

*a* = 665,384 square miles

Circle the numbers that round to 630,000.

636,407 627,243 624,756

634,879 625,361 631,675

629,180 613,598 621,997

Complete the chart.

509,648		
Add 1,000	Add 10,000	Add 100,000
<u>510,648</u>	<u>519,648</u>	<u>609,648</u>

There were nine plates of cupcakes on the snack table at the school's harvest festival. Each plate had eight cupcakes. Thirty-six cupcakes were vanilla and the rest were chocolate.

How many cupcakes were chocolate? 36

Round the number of chocolate cupcakes to the nearest ten. 40

Use the distributive property to solve.

$8 \times 11 = 88$

$8 \times (10 + 1) = 88$

$(8 \times 10) + (8 \times 1) = 88$

How many sets of parallel sides does each shape have?

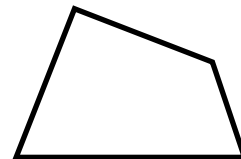
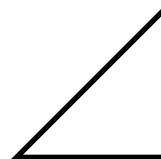
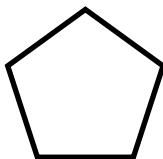
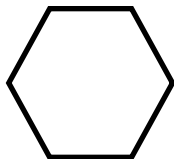
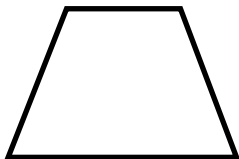
1, 2, 1, 3



Name: \_\_\_\_\_

# Math Buzz

Color the shapes that have at least one pair of parallel lines.



Last summer, the city zoo had 349,323 visitors.  
This summer, the zoo had 398,234 visitors.  
How many visitors did the zoo have last summer and this summer combined?

<b>349,323</b>	<b>398,234</b>
<b>v</b>	

v = \_\_\_\_\_

Complete the table.

Input	Output
18,833	24,797
26,388	
31,384	
47,245	

Rule: Add 5,964

Draw a line to match each number.

**nine hundred sixty thousand, eighty**

$$600,000 + 90,000 + 8$$

$$80,000 + 9,000 + 600$$

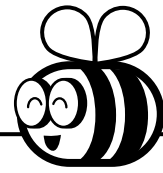
$$960,080$$

$$690,008$$

**eighty-nine thousand, six hundred**

Fill in the missing multiples of 8.

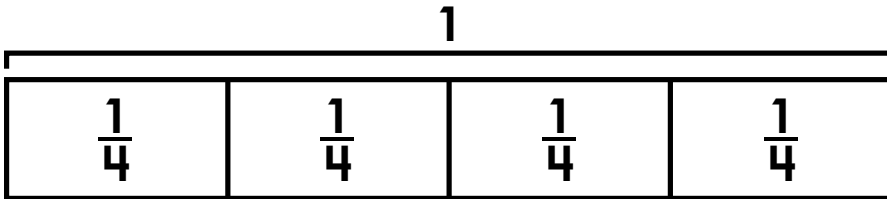
**8** ,  ,  ,  , **40** ,  ,  ,  ,  , **80** ,  ,



Name: \_\_\_\_\_

# Math Buzz

Complete the number sentence to match the tape diagram.



$$1 = \frac{\square}{4} = \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$$

Fill in the missing numbers.

$$350 = 5 \times \square$$

$$7 \times \square = 420$$

$$\square \times 9 = 720$$

Complete the chart.

**5,461,169**

Subtract 1,000	
Subtract 10,000	
Subtract 100,000	

Order the numbers from **greatest to least**.

**60,000 + 5,000 + 700 + 30 + 2**

**605,327**

**six hundred fifty-seven thousand,  
three hundred two**

\_\_\_\_\_

**42,937**

<b>42,937</b>	
<b>12,745</b>	<b><i>b</i></b>

The Larchmont Public Library has 42,937 books. The Kenmore Public Library has 12,745 fewer books than Larchmont. How many books does the Kenmore Library have?

$$b = \underline{\hspace{2cm}}$$





Name: \_\_\_\_\_

# Math Buzz

Find the sum.

$$595,880 + 623,759 + 865,412 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} 711,549 \\ 432,860 \\ + 562,375 \\ \hline \end{array}$$

Circle the values of the underlined digits.

**6,247,031**

7,000    70,000    700,000

**4,812,352**

8,000    80,000    800,000

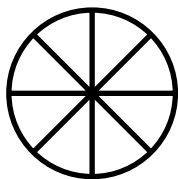
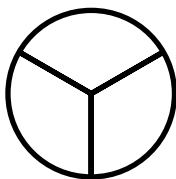
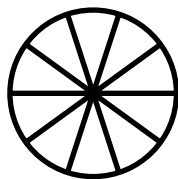
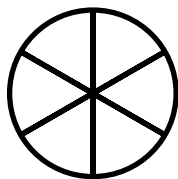
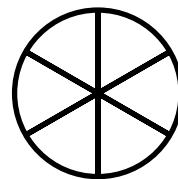
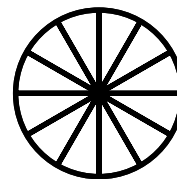
**9,961,306**

6,000    60,000    600,000

Complete the table.

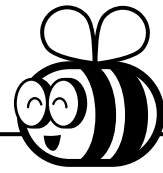
Input	Output
32	
48	
	8
80	

Rule: Divide by 8

Shade each fraction, then compare using  $>$ ,  $<$ ,  $=$ .
 $\frac{3}{8}$ 

 $\frac{2}{3}$ 

 $\frac{9}{10}$ 

 $\frac{5}{6}$ 

 $\frac{3}{6}$ 

 $\frac{6}{12}$ 

Mr. Eichel separated his class into groups for their field trip to the museum. He made five groups with seven students in each group. There were also eight adult chaperones, including Mr. Eichel. How many people were there all together?

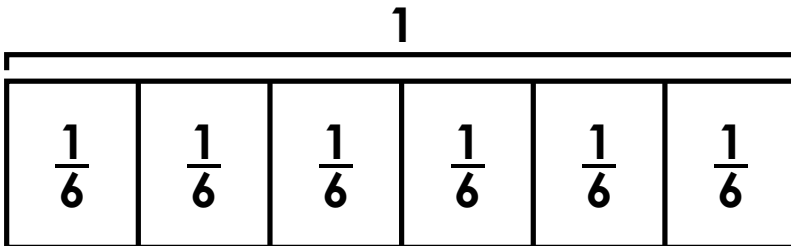
answer: \_\_\_\_\_ people      Round your answer to the nearest ten. \_\_\_\_\_



Name: \_\_\_\_\_

# Math Buzz

Complete the number sentence to match the tape diagram.



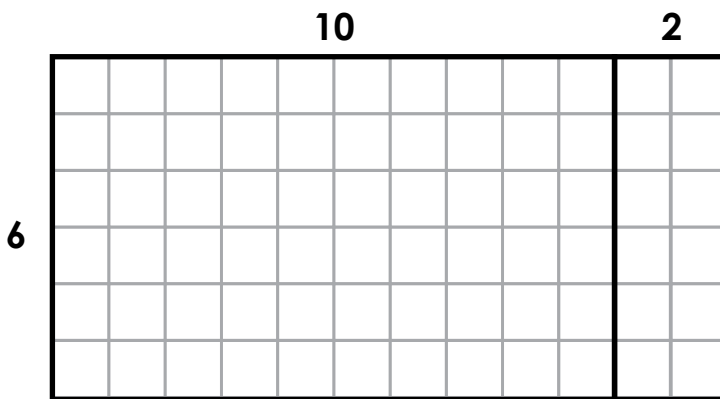
$$1 = \frac{\square}{6} = \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$$

57 girls showed up to try out for the lacrosse team. Coach Byrne cut 9 of them in the first round. The rest were broken up into teams of 8 to practice drills. How many girls were on each team?

answer: \_\_\_\_\_ girls

Round your answer to the nearest ten. \_\_\_\_\_

Use the distributive property to find the total area of the rectangles.



$6 \times 12 = \underline{\hspace{2cm}}$

$6 \times (10 + 2) = \underline{\hspace{2cm}}$

$(6 \times 10) + (6 \times 2) = \underline{\hspace{2cm}}$

Area = \_\_\_\_\_ square units

Circle the numbers that round to **600,000**.

**629,354**      **536,941**      **689,324**

**651,234**      **609,347**      **597,324**

**563,165**      **574,394**      **683,179**

Complete the chart.

**3,523,158**

Add 1,000	Add 10,000	Add 100,000

Name: \_\_\_\_\_



# Math Buzz

Fill in the missing multiples of 9.

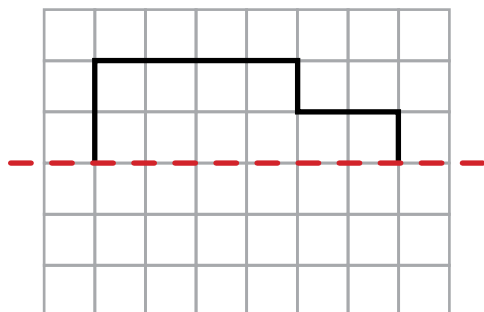
9, , , , 45, , , , , 90, ,

Complete the table.

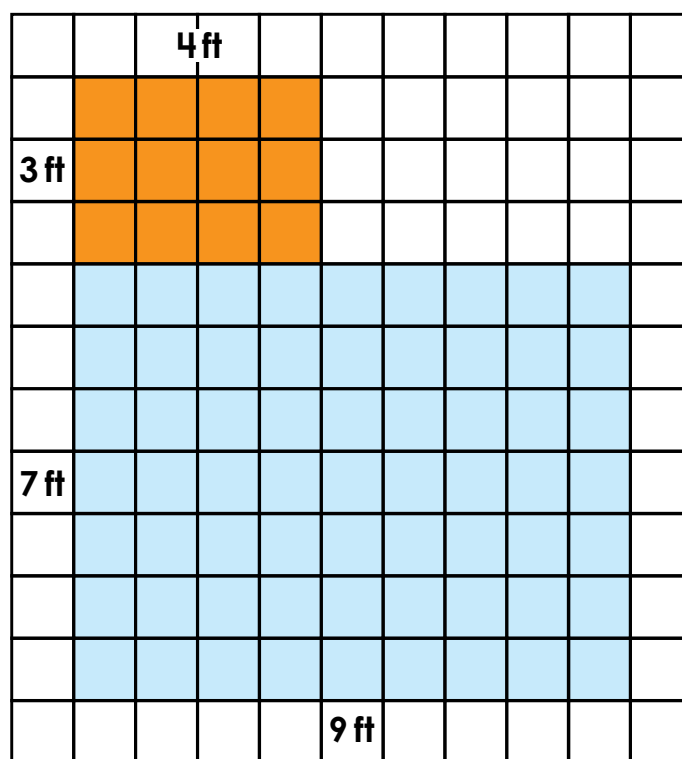
Input	Output
54,349	
77,499	
84,566	
93,425	86,467

Rule: Subtract 6,958

Use the line of symmetry to complete the shape.



Below is a diagram of Amir's bedroom and closet. Each square unit represents one square foot of space. What is the total area of Amir's bedroom and closet?



Area = \_\_\_\_\_ square feet

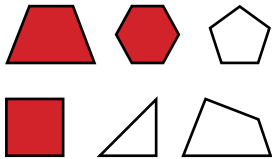
Compare each set of numbers using the words "is greater than", "is less than", or "is equal to".

**56,685 + 38,465** \_\_\_\_\_ **108,734 - 13,584**

**964,044 - 81,308** \_\_\_\_\_ **148,641 + 488,306**



Color the shapes that have at least one pair of parallel lines.



Last summer, the city zoo had 349,323 visitors. This summer, the zoo had 398,234 visitors. How many visitors did the zoo have last summer and this summer combined?

349,323	398,234
v	

$$349,323 + 398,234 = 747,557$$

$$v = 747,557$$

Complete the table.

Input	Output
18,833	24,797
26,388	32,352
31,384	37,348
47,245	53,209

Rule: Add 5,964

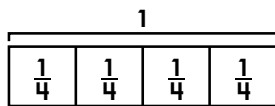
Draw a line to match each number.

~~nine hundred sixty thousand, eighty~~  $600,000 + 90,000 + 8$   
~~80,000 + 9,000 + 600~~  $960,080$   
~~690,008~~  $\text{eighty-nine thousand, six hundred}$

Fill in the missing multiples of 8.

8, **16**, **24**, **32**, **40**,  
**48**, **56**, **64**, **72**,  
**80**, **88**, **96**

Complete the number sentence to match the tape diagram.



$$1 = \frac{4}{4} = \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$$

Fill in the missing numbers.

$$350 = 5 \times 70$$

$$7 \times 60 = 420$$

$$80 \times 9 = 720$$

Complete the chart.

5,461,169

Subtract 1,000	5,460,169
Subtract 10,000	5,451,169
Subtract 100,000	5,361,169

Order the numbers from greatest to least.

$$60,000 + 5,000 + 700 + 30 + 2$$

605,327

six hundred fifty-seven thousand, three hundred two

$$657,302 \quad 605,327 \quad 65,732$$

The Larchmont Public Library has 42,937 books. The Kenmore Public Library has 12,745 fewer books than Larchmont. How many books does the Kenmore Library have?

42,937	
12,745	b

$$42,937 - 12,745 = 30,192$$

$$b = 30,192$$

Find the sum.

$$595,880 + 623,759 + 865,412 = 2,085,051$$

$$\begin{array}{r} 111 \\ 711,549 \\ 432,860 \\ + 562,375 \\ \hline 1,706,784 \end{array}$$

Circle the values of the underlined digits.

6,247,031

7,000 70,000 700,000

4,812,352

8,000 80,000 800,000

9,961,306

6,000 60,000 600,000

Complete the table.

Input	Output
32	4
48	6
64	8
80	10

Rule: Divide by 8

Shade each fraction, then compare using >, <, =.

$$\frac{3}{8} < \frac{2}{3}$$

$$\frac{9}{10} > \frac{5}{6}$$

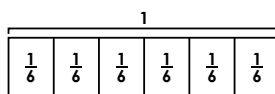
$$\frac{3}{6} = \frac{6}{12}$$

Mr. Eichel separated his class into groups for their field trip to the museum. He made five groups with seven students in each group. There were also eight adult chaperones, including Mr. Eichel. How many people were there all together?

answer: **43** people

Round your answer to the nearest ten. **40**

Complete the number sentence to match the tape diagram.



$$1 = \frac{6}{6} = \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$$

57 girls showed up to try out for the lacrosse team. Coach Byrne cut 9 of them in the first round. The rest were broken up into teams of 8 to practice drills. How many girls were on each team?

$$57 - 9 = 48 \quad 48 \div 8 = 6$$

answer: **6** girls

Round your answer to the nearest ten. **10**

Use the distributive property to find the total area of the rectangles.

$$6 \times 12 = 72$$

$$6 \times (10 + 2) = 72$$

$$(6 \times 10) + (6 \times 2) = 72$$

Area = **72** square units

Circle the numbers that round to 600,000.

629,354 536,941 689,324

651,234 609,347 597,324

563,165 574,394 683,179

Complete the chart.

3,523,158

Add 1,000	Add 10,000	Add 100,000
3,524,158	3,533,158	3,623,158

Fill in the missing multiples of 9.

9, **18**, **27**, **36**, **45**,

**54**, **63**, **72**, **81**,

**90**, **99**, **108**

Complete the table.

Input	Output
54,349	47,391
77,499	70,541
84,566	77,608
93,425	86,467

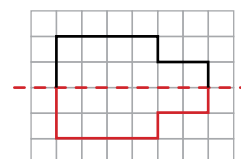
Rule: Subtract 6,958

Below is a diagram of Amir's bedroom and closet. Each square unit represents one square foot of space. What is the total area of Amir's bedroom and closet?

$$(3 \times 4) + (7 \times 9) = 75$$

Area = **75** square feet

Use the line of symmetry to complete the shape.



Compare each set of numbers using the words "is greater than", "is less than", or "is equal to".

$$56,685 + 38,465$$

is equal to

$$108,734 - 13,584$$

$$964,044 - 81,308$$

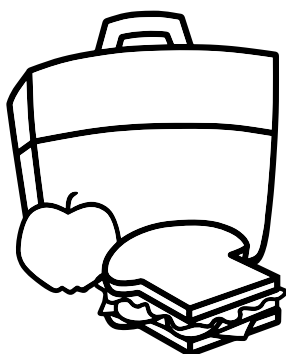
is greater than

$$148,641 + 488,306$$



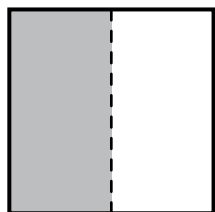
Name: \_\_\_\_\_

# Math Buzz

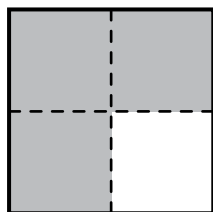


At lunch, Ava and Tristan both ordered turkey sandwiches. Ava ate one half of her sandwich and Tristan ate three fourths of his sandwich.

Ava's Sandwich



Tristan's Sandwich



Who ate more? \_\_\_\_\_

What is the greatest six-digit number that can be made from the number cards shown?



Choose the equation that best represents the comparison sentence.

*24 is 4 times as many as 6.*

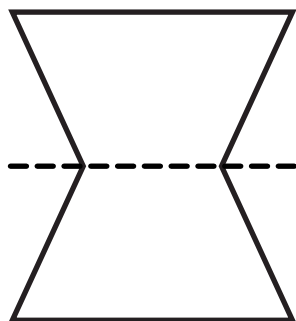
$$24 \times 4 = 6$$

$$24 = 4 + 6$$

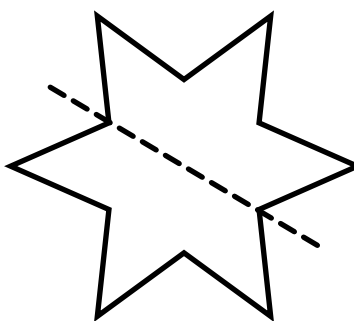
$$24 = 4 \times 6$$

$$4 + 6 = 24$$

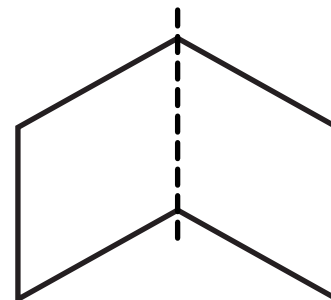
Describe each line of symmetry as vertical, horizontal, or diagonal.



\_\_\_\_\_



\_\_\_\_\_



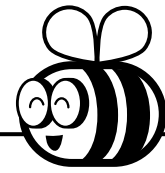
\_\_\_\_\_

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

$$25,819 + (59,448 + 61,763) \quad \underline{\hspace{1cm}} \quad (76,254 + 39,571) + 43,129$$

$$(76,985 + 35,473) - 64,736 \quad \underline{\hspace{1cm}} \quad (19,354 + 81,598) - 58,179$$

Name: \_\_\_\_\_



# Math Buzz

Complete the table.

<b>Input</b>	43,816	52,346		15,868
<b>Output</b>		121,874	104,792	

Rule: Add 69,528

Fill in the missing numbers.

$$\begin{array}{r} \square \\ 4 \overline{)36} \end{array}$$

$$\begin{array}{r} \square \\ \square \overline{)21} \end{array}$$

$$\begin{array}{r} 8 \\ 6 \overline{)\square} \end{array}$$

Each class at Oakhurst Elementary School has P.E. for 50 minutes three times each week. How many total minutes does each class have P.E. for each week?

*Show your work*

Write the values of the underlined digits.

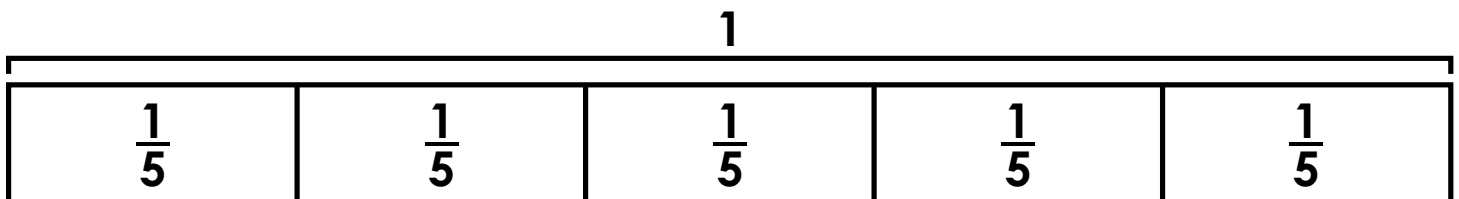
294,853 \_\_\_\_\_

46,279 \_\_\_\_\_

1,325,648 \_\_\_\_\_

answer: \_\_\_\_\_ minutes

Complete the number sentence to match the tape diagram.



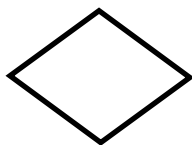
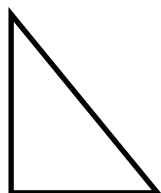
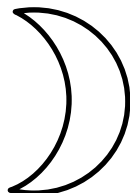
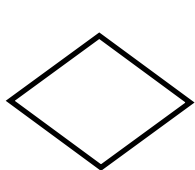
$$1 = \frac{\square}{5} = \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5}$$



Name: \_\_\_\_\_

# Math Buzz

Continue the pattern.



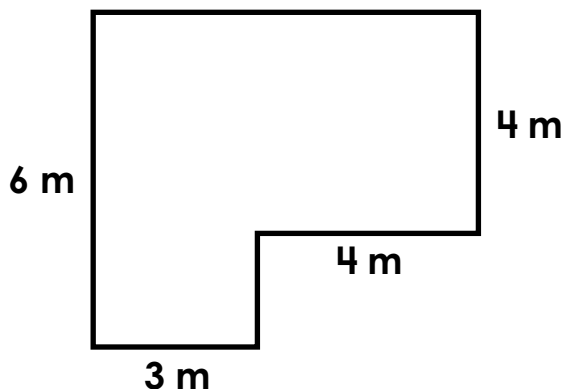
\_\_\_\_\_

Subtract.

$$\underline{\hspace{2cm}} = 50,000 - 37,863$$

$$\begin{array}{r} 20,000 \\ - 13,549 \\ \hline \end{array}$$

Find the total area of the new garden Hillcrest Elementary's Environmental Club built in the school's courtyard.



Area: \_\_\_\_\_ square meters

Circle the numbers that round to **8,000,000**.

7,295,850

8,365,978

8,546,201

7,612,340

8,150,689

7,468,795

7,930,154

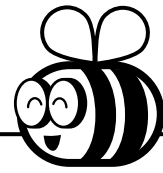
8,074,523

Compare each set of numbers using the words "is greater than", "is less than", or "is equal to".

$$24 \div 8 \quad \underline{\hspace{2cm}} \quad 18 \div 3$$

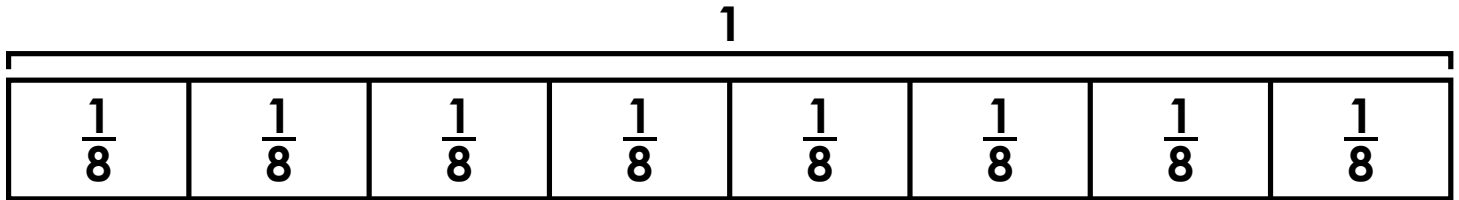
$$63 \div 9 \quad \underline{\hspace{2cm}} \quad 42 \div 6$$

Name: \_\_\_\_\_



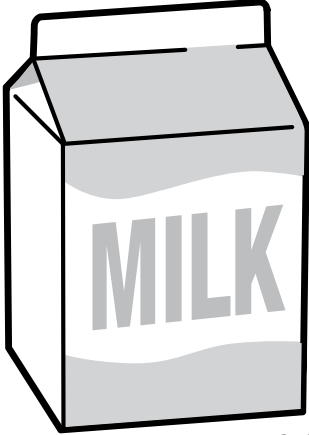
# Math Buzz

Complete the number sentence to match the tape diagram.



$$1 = \frac{\square}{8} = \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$$

Mrs. Battista used a total of three cups of milk making macaroni and cheese. If one cup equals eight fluid ounces, how many fluid ounces of milk did Mrs. Battista use?



answer: \_\_\_\_\_ fluid ounces

Find the products.

$9 \times 10 = \underline{\hspace{2cm}}$

$9 \times 100 = \underline{\hspace{2cm}}$

$9 \times 1,000 = \underline{\hspace{2cm}}$

Circle the factors of 18.

**9**      **3**      **36**      **1**

**18**      **2**      **6**      **8**

Complete the table.

<b>Input</b>	85,394		92,650	70,931
<b>Output</b>		26,219	65,852	

Rule: Subtract 26,798

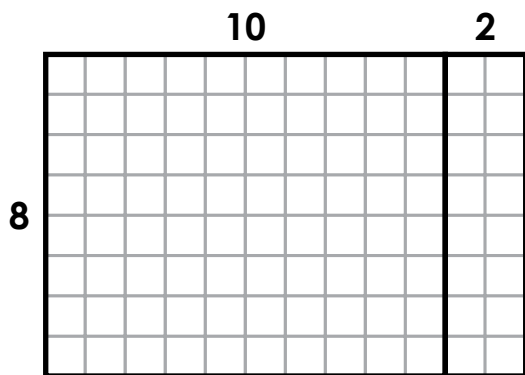




Name: \_\_\_\_\_

# Math Buzz

Use the distributive property to solve.

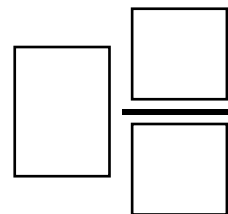
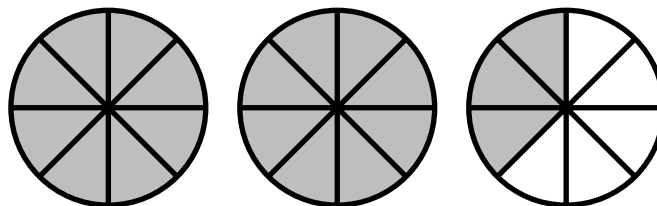
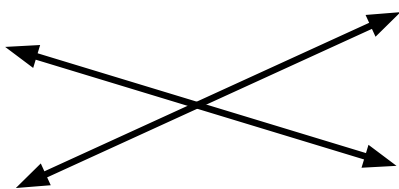


$$8 \times 12 = \underline{\hspace{2cm}}$$

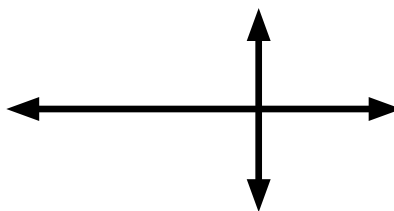
$$8 \times (\square + \square) = \underline{\hspace{2cm}}$$

$$(8 \times \square) + (8 \times \square) = \underline{\hspace{2cm}}$$

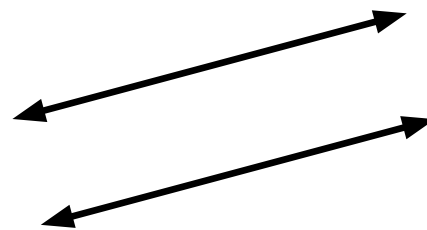
Eliana's grandmother baked three apple pies for Sunday's family dinner. She cut each pie into eight equal slices. Two and three eighths of the pies were eaten for dessert. Write a mixed number to represent the amount of apple pie eaten.

Identify each pair of lines as **parallel**, **intersecting**, or **perpendicular**.

\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

Find the quotients.

$$5,000 \div 10 = \underline{\hspace{2cm}}$$

$$5,000 \div 100 = \underline{\hspace{2cm}}$$

$$5,000 \div 1,000 = \underline{\hspace{2cm}}$$

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

$$(3 \times 3) \times 4 \underline{\hspace{1cm}} 6 \times (2 \times 3)$$

$$8 \times (1 \times 10) \underline{\hspace{1cm}} (4 \times 2) \times 9$$





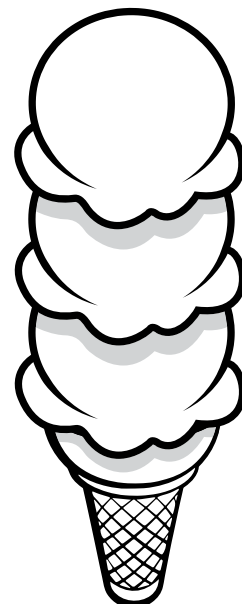
Name: \_\_\_\_\_

## Math Buzz

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



Mr. Richards was scooping ice cream for the ice cream social at the youth center. He had six quarts of ice cream. If there are four cups in one quart, how many cups of ice cream did Mr. Richards have?



answer: \_\_\_\_\_ cups

Choose the comparison sentence that best represents the equation.

$$3 \times 7 = 21$$

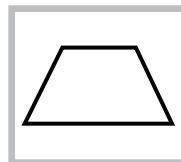
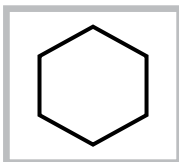
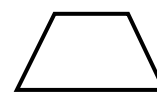
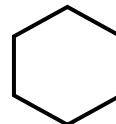
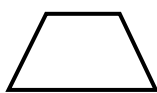
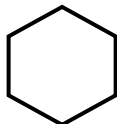
**3 more than 7 is 21.**

**7 is 3 times as many as 21.**

**3 is 7 times as many as 21.**

**21 is 3 times as many as 7.**

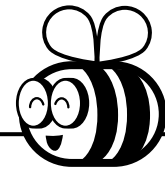
If the pattern continues, what will the tenth shape be?



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

$$(618,083 + 154,765) - 323,239 \quad \underline{\hspace{1cm}} \quad (755,782 + 592,080) - 661,528$$

$$(825,301 + 253,743) - 626,199 \quad \underline{\hspace{1cm}} \quad (354,287 + 624,237) - 525,679$$



Name: \_\_\_\_\_

# Math Buzz

Write the values of the underlined digits.

70,237 \_\_\_\_\_575,640 \_\_\_\_\_7,129,652 \_\_\_\_\_

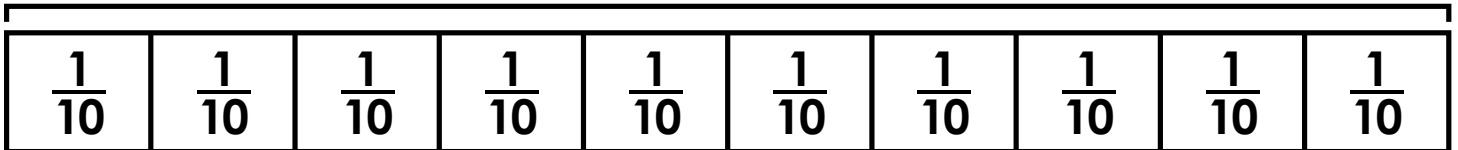
Circle the factors of 20.

1      15      10      5

20      4      2      12

Complete the number sentence to match the tape diagram.

1



$$1 = \frac{\square}{10} = \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10}$$

Complete the table.

Input	Output
101,271	
	544,177
518,130	
674,634	

Rule: Add 127,046

The environmental club is planting trees at 8 different parks around town. They're planting 20 trees at each park. How many trees are the environmental club planting in all?

Show your work

answer: \_\_\_\_\_ trees

Name: \_\_\_\_\_



# Math Buzz

The university's football stadium can hold 71,594 people. Rey estimated it can hold 70,000 people. Lena estimated it can hold 80,000 people. Whose estimate is more reasonable?

Rey

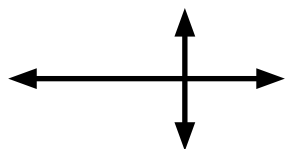
Lena

Subtract.

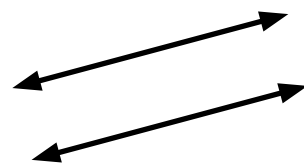
$$\underline{\hspace{2cm}} = 700,000 - 337,958$$

$$\begin{array}{r} 500,000 \\ - 281,565 \\ \hline \end{array}$$

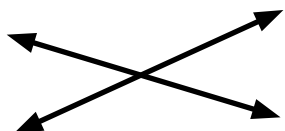
Draw a line to match each pair of lines.



parallel



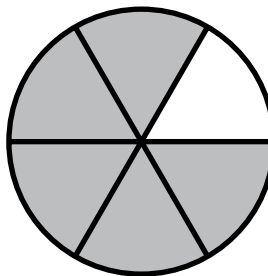
intersecting



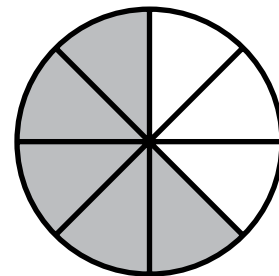
perpendicular

The Bakshis and the Yangs each ordered a pizza. The Bakshis ate five sixths of their pizza and the Yangs ate five eighths of their pizza.

Bakshis



Yangs

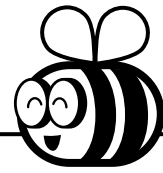


Who ate more? \_\_\_\_\_

Solve each side and compare each set of numbers using the words "is greater than", "is less than", or "is equal to".

$$81 \div 9 \quad \underline{\hspace{2cm}} \quad 56 \div 7$$

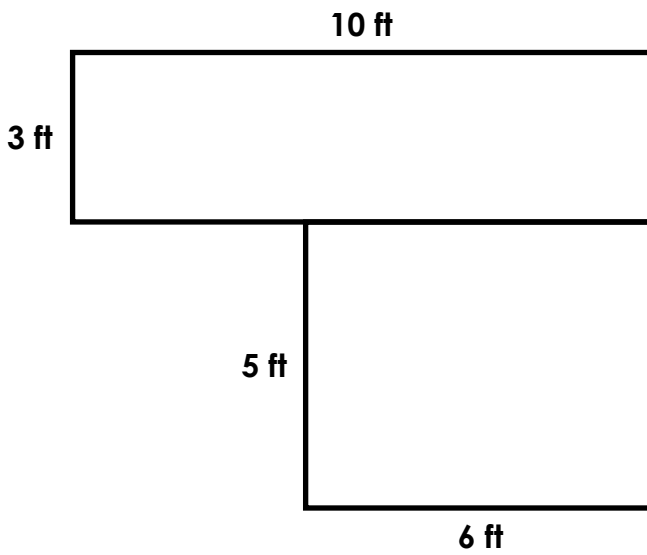
$$63 \div 9 \quad \underline{\hspace{2cm}} \quad 80 \div 8$$



Name: \_\_\_\_\_

# Math Buzz

Judy is working on a play. She put tape down on the stage to show where part of the set will go. Find the total area of the section Judy taped off.



Area = \_\_\_\_\_ square feet

Find the products.

$8 \times 10 = \underline{\hspace{2cm}}$

$8 \times 100 = \underline{\hspace{2cm}}$

$8 \times 1,000 = \underline{\hspace{2cm}}$

Complete the table.

Input	Output
242,503	
365,247	
	285,535
748,153	

Rule: Subtract 115,826

Fill in the missing numbers.

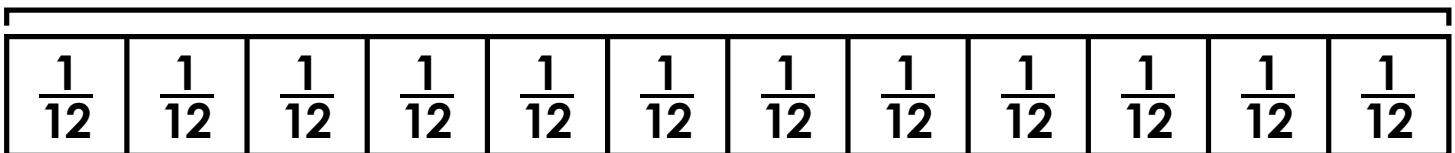
$$\begin{array}{r} \square \\ 7 \overline{)49} \end{array}$$

$$\begin{array}{r} 6 \\ \square \overline{)54} \end{array}$$

$$\begin{array}{r} 7 \\ 8 \overline{)\square} \end{array}$$

Complete the number sentence to match the tape diagram.

1



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



Name: \_\_\_\_\_

# Math Buzz

Find the quotients.

$$4,000 \div 10 = \underline{\hspace{2cm}}$$

$$4,000 \div 100 = \underline{\hspace{2cm}}$$

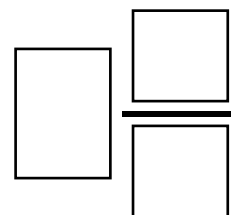
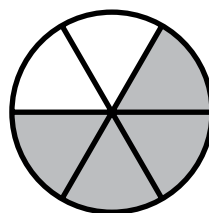
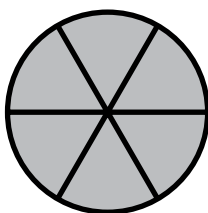
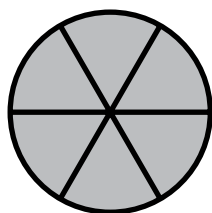
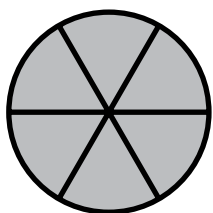
$$4,000 \div 1,000 = \underline{\hspace{2cm}}$$

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

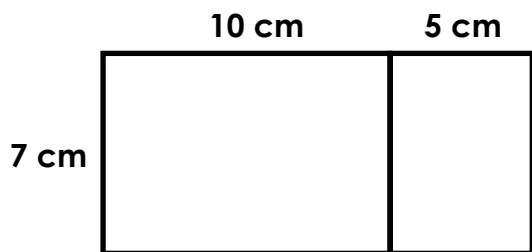
$$(3 \times 3) \times 2 \quad \underline{\hspace{1cm}} \quad 3 \times (3 \times 2)$$

$$(2 \times 3) \times 9 \quad \underline{\hspace{1cm}} \quad 5 \times (2 \times 4)$$

Mr. Haddad ordered four pizzas for the engineering club. Each pizza was cut into six equal slices. Three and four sixths of the pizzas were eaten. Write a mixed number to represent the amount of pizza eaten.



Use the distributive property to find the area of the rectangles.



$$\begin{aligned} 7 \times 15 &= 7 \times (10 + 5) \\ &= (7 \times \square) + (7 \times \square) \\ &= \square + \square \\ &= \square \end{aligned}$$

Area = \_\_\_\_\_ square cm

Describe each line of symmetry as vertical or horizontal.



\_\_\_\_\_



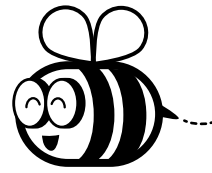
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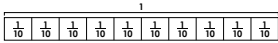
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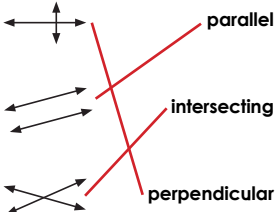
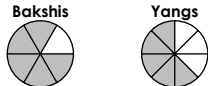


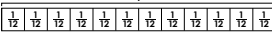
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<p>What is the greatest seven-digit number that can be made from the number cards shown?</p> <p><b>5 9 1 7 3 6 8</b></p> <p><u>9,876,531</u></p>	<p>Mr. Richards was scooping ice cream for the ice cream social at the youth center. He had six quarts of ice cream. If there are four cups in one quart, how many cups of ice cream did Mr. Richards have?</p> <p><math>6 \times 4 = 24</math></p> <p>answer: <u>24</u> cups</p>	<p>Choose the comparison sentence that best represents the equation.</p> <p><math>3 \times 7 = 21</math></p> <p><b>3 more than 7 is 21.</b></p> <p><b>7 is 3 times as many as 21.</b></p> <p><b>3 is 7 times as many as 21.</b></p> <p><b>21 is 3 times as many as 7.</b></p>	<p>If the pattern continues, what will the tenth shape be?</p> <p>☆ ◻ ▽ ☆ ◻ ▽</p> <p></p>	<p>Solve each side and compare using &gt;, &lt;, =.</p> <p><math>(618,083 + 154,765) - 323,239</math> <u>&lt;</u> <math>(755,782 + 592,080) - 661,528</math></p> <p><math>(825,301 + 253,743) - 626,199</math> <u>=</u> <math>(354,287 + 624,237) - 525,679</math></p>
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<p>Write the values of the underlined digits.</p> <p><u>70</u>,<u>237</u>     <u>200</u></p> <p><u>575</u>,<u>640</u>     <u>70,000</u></p> <p><u>7,129</u>,<u>652</u>     <u>100,000</u></p>	<p>Circle the factors of 20.</p> <p><b>1</b>   15   <b>10</b>   <b>5</b></p> <p><b>20</b>   <b>4</b>   <b>2</b>   12</p>	<p>Complete the number sentence to match the tape diagram.</p> <p></p> <p><math>1 = \frac{10}{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{1}{10}</math></p>	<p>Complete the table.</p> <table border="1"> <thead> <tr> <th>Input</th> <th>Output</th> </tr> </thead> <tbody> <tr> <td>101,271</td> <td><b>228,317</b></td> </tr> <tr> <td><b>417,131</b></td> <td>544,177</td> </tr> <tr> <td>518,130</td> <td><b>645,176</b></td> </tr> <tr> <td>674,634</td> <td><b>801,680</b></td> </tr> </tbody> </table> <p>Rule: Add 127,046</p>	Input	Output	101,271	<b>228,317</b>	<b>417,131</b>	544,177	518,130	<b>645,176</b>	674,634	<b>801,680</b>	<p>The environmental club is planting trees at 8 different parks around town. They're planting 20 trees at each park. How many trees are the environmental club planting in all?</p> <p><math>20 \times 8 = 160</math></p> <p>answer: <u>160</u> trees</p>
Input	Output													
101,271	<b>228,317</b>													
<b>417,131</b>	544,177													
518,130	<b>645,176</b>													
674,634	<b>801,680</b>													

<p>The university's football stadium can hold 71,594 people. Rey estimated it can hold 70,000 people. Lena estimated it can hold 80,000 people. Whose estimate is more reasonable?</p> <p><b>Rey</b>     Lena</p>	<p>Subtract.</p> <p><math>362,042 = 700,000 - 337,958</math></p> <p></p>	<p>Draw a line to match each pair of lines.</p> <p></p>	<p>The Bakshis and the Yangs each ordered a pizza. The Bakshis ate five sixths of their pizza and the Yangs ate five eighths of their pizza.</p> <p></p> <p>Who ate more? <u>Bakshis</u></p>	<p>Solve each side and compare each set of numbers using the words "is greater than", "is less than", or "is equal to".</p> <p><math>81 \div 9</math> <u>is greater than</u> <math>56 \div 7</math></p> <p><math>63 \div 7</math> <u>is less than</u> <math>80 \div 8</math></p>
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<p>Judy is working on a play. She put tape down on the stage to show where part of the set will go. Find the total area of the section Judy taped off.</p> <p><math>(10 \times 3) + (5 \times 6) = 30 + 30 = 60</math></p> <p>Area = <u>60</u> square feet</p>	<p>Find the products.</p> <p><math>8 \times 10 = 80</math></p> <p><math>8 \times 100 = 800</math></p> <p><math>8 \times 1,000 = 8,000</math></p>	<p>Fill in the missing numbers.</p> <p><math>7 \overline{) 49}</math></p> <p><math>9 \overline{) 54}</math></p> <p><math>8 \overline{) 56}</math></p>	<p>Complete the table.</p> <table border="1"> <thead> <tr> <th>Input</th> <th>Output</th> </tr> </thead> <tbody> <tr> <td>242,503</td> <td><b>126,677</b></td> </tr> <tr> <td>365,247</td> <td><b>249,421</b></td> </tr> <tr> <td><b>401,361</b></td> <td>285,535</td> </tr> <tr> <td>748,153</td> <td><b>632,327</b></td> </tr> </tbody> </table> <p>Rule: Subtract 115,826</p>	Input	Output	242,503	<b>126,677</b>	365,247	<b>249,421</b>	<b>401,361</b>	285,535	748,153	<b>632,327</b>	<p>Complete the number sentence to match the tape diagram.</p> <p></p> <p><math>1 = \frac{12}{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{1}{12}</math></p>
Input	Output													
242,503	<b>126,677</b>													
365,247	<b>249,421</b>													
<b>401,361</b>	285,535													
748,153	<b>632,327</b>													

<p>Find the quotients.</p> <p><math>4,000 \div 10 = 400</math></p> <p><math>4,000 \div 100 = 40</math></p> <p><math>4,000 \div 1,000 = 4</math></p>	<p>Solve each side and compare using &gt;, &lt;, =.</p> <p><math>(3 \times 3) \times 2 = 3 \times (3 \times 2)</math> <math>9 \times 2 = 18</math>     <math>3 \times 6 = 18</math></p> <p><math>(2 \times 3) \times 9 &gt; 5 \times (2 \times 4)</math> <math>6 \times 9 = 54</math>     <math>5 \times 8 = 40</math></p>	<p>Mr. Haddad ordered four pizzas for the engineering club. Each pizza was cut into six equal slices. Three and four sixths of the pizzas were eaten. Write a mixed number to represent the amount of pizza eaten.</p> <p><math>3 \frac{4}{6}</math></p>	<p>Use the distributive property to find the area of the rectangles.</p> <p><math>7 \times 15 = 7 \times (10 + 5)</math> <math>= (7 \times 10) + (7 \times 5)</math> <math>= 70 + 35</math> <math>= 105</math></p> <p>Area = <u>105</u> square cm</p>	<p>Describe each line of symmetry as vertical or horizontal.</p> <p> <u>vertical</u></p> <p> <u>horizontal</u></p> <p> <u>horizontal</u></p> <p> <u>vertical</u></p>
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Name: \_\_\_\_\_

# Math Buzz

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

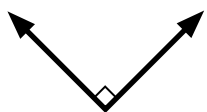
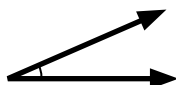
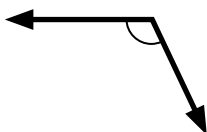
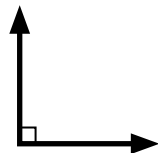
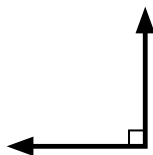
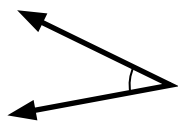
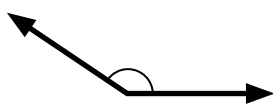


\_\_\_\_\_

Circle the name of the figure shown.

Line *W*Point *W*Ray *W*Line Segment *W*

Circle the right angles.



The chart below shows the area of each of the Great Lakes.

Great Lakes	Area (square miles)
Lake Superior	?
Lake Huron	23,007
Lake Michigan	22,404
Lake Erie	9,910
Lake Ontario	7,340

The difference in area between Lake Superior and Lake Ontario is 24,360 square miles. Which estimate for the area of Lake Superior is more reasonable?

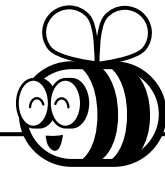
**31,000 square miles**

**32,000 square miles**

Multiply.

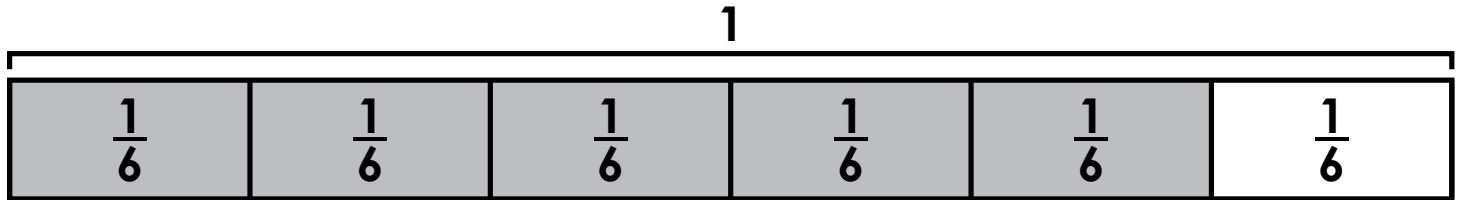
		6	4	
	x		2	
	_____			

Name: \_\_\_\_\_



# Math Buzz

Complete the number sentence to match the tape diagram.



$$\frac{\square}{6} = \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$$



Mrs. Hartley's classroom whiteboard has a width of 4 feet. The length of the board is two times as long as the width. What is the perimeter of Mrs. Hartley's classroom whiteboard?

Perimeter = \_\_\_\_\_ feet

Find the products.

$4 \times 60 = \underline{\hspace{2cm}}$

$4 \times 600 = \underline{\hspace{2cm}}$

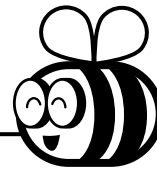
$4 \times 6,000 = \underline{\hspace{2cm}}$

Draw a pair of parallel lines.

Complete the table.

<b>Input</b>	7,285,134		2,656,913	5,124,396
<b>Output</b>		5,365,131	4,603,785	

Rule: Add 1,946,872



Name: \_\_\_\_\_

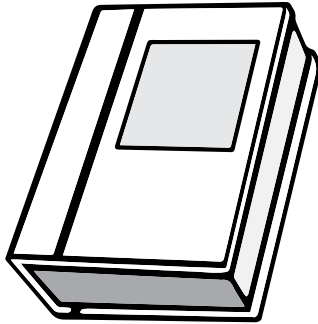
# Math Buzz

Fill in the missing multiples of 11.

11 ,  ,  ,  , 55 ,  ,  ,  ,  , 110

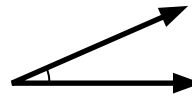
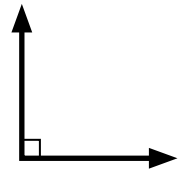
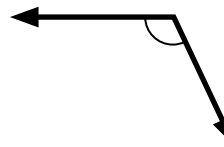
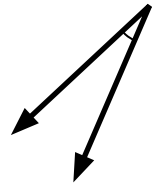
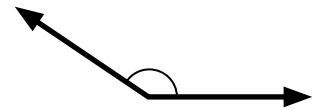
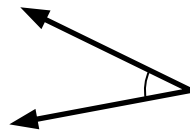
Lily's book has three times as many pages as the book her younger brother is reading. Lily's book has 210 pages. How many pages are in Lily's brother's book?

Show your work



answer: \_\_\_\_\_ pages

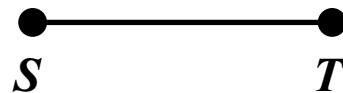
Circle the acute angles.



Multiply.

		4	5	
	x		3	

Circle the name of the figure shown.

Line *ST*Point *ST*Ray *ST*Line Segment *ST*





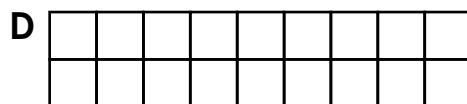
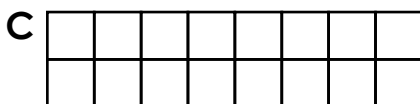
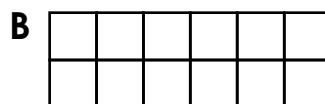
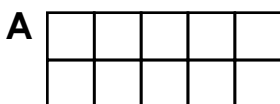
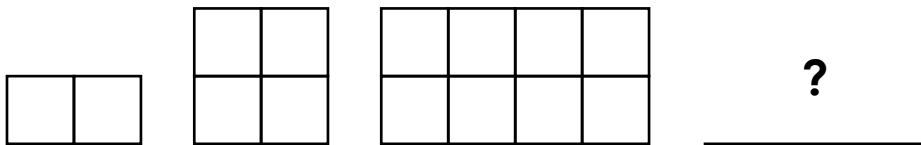
Name: \_\_\_\_\_

# Math Buzz

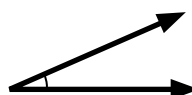
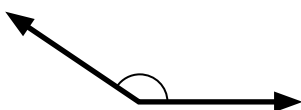
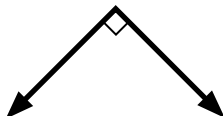
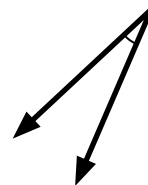
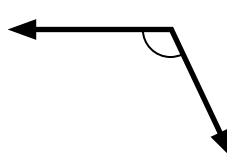
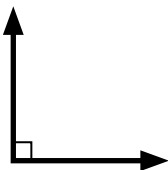
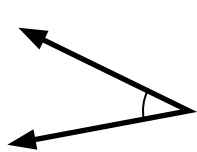
Multiply.

		3	6	
	x		4	
	_____			

If the pattern continues, which figure comes next?



Circle the obtuse angles.



Skylar has soccer practice every day after school. During each practice she drinks a 1 liter bottle of water. Complete the table to show how many total liters of water Skylar drinks after five days of practice.

liters	1	2	3	4	5
milliliters	1,000		3,000		

Fill in the missing factors of 24.

24	
	24
2	
	8
4	



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

8	3	6	2	9	5
---	---	---	---	---	---

235,689

The difference in area between Lake Superior and Lake Ontario is 24,360 square miles. Which estimate for the area of Lake Superior is more reasonable?

**31,000 square miles**

**32,000 square miles**

Circle the name of the figure shown.

●  
W

Line W

**Point W**

Ray W

Line Segment W

Circle the right angles.

Multiply.

		6	4	
	x		2	
		1	2	8

Complete the number sentence to match the tape diagram.

1					
$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$

$\frac{5}{6} = \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$

Mrs. Hartley's classroom whiteboard has a width of 4 feet. The length of the board is two times as long as the width. What is the perimeter of Mrs. Hartley's classroom whiteboard?

$4 \times 2 = 8$

$4 + 4 + 8 + 8 = 24$

Perimeter = 24 feet

Find the products.

$4 \times 60 = \underline{240}$

$4 \times 600 = \underline{2,400}$

$4 \times 6,000 = \underline{24,000}$

Draw a pair of parallel lines.

**Answers may vary.**

Complete the table.

Input	7,285,134	3,418,259	2,656,913	5,124,396
Output	9,232,006	5,365,131	4,603,785	7,071,268

Rule: Add 1,946,872

Fill in the missing multiples of 11.

11, **22**, **33**, **44**, 55,

**66**, **77**, **88**, **99**, 110

Lily's book has three times as many pages as the book her younger brother is reading. Lily's book has 210 pages. How many pages are in Lily's brother's book?

$210 \div 3 = 70$

answer: 70 pages

Circle the acute angles.

Multiply.

		1		
		4	5	
	x		3	
		1	3	5

Circle the name of the figure shown.

Line ST

Point ST

Ray ST

**Line Segment ST**

Subtract.

$\underline{2,521,785} = 6,000,000 - 3,478,215$

	3	9	9	9	9	10
	<del>4</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>
-	2	8	4	3	9	6
	1	1	5	6	0	3

Draw a pair of intersecting lines.

**Answers may vary.**

Alonso's grandmother made eight pints of sauce for Sunday's family dinner. If one pint equals two cups, how many cups of sauce did Alonso's grandmother make?

$8 \times 2 = 16$

answer: 16 cups

Find the quotients.

$9,000 \div 30 = \underline{300}$

$9,000 \div 300 = \underline{30}$

$9,000 \div 3,000 = \underline{3}$

Complete the number sentence to match the tape diagram.

1							
$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$

$\frac{3}{8} = \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$

Multiply.

		2		
		3	6	
	x		4	
		1	4	4

If the pattern continues, which figure comes next?

□ □ □ □ □ □ □ □ ?

A 

□	□	□	□	□
---	---	---	---	---

B 

□	□	□	□	□	□
---	---	---	---	---	---

**C 

□	□	□	□	□	□	□	□
---	---	---	---	---	---	---	---

D 

□	□	□	□	□	□	□	□	□
---	---	---	---	---	---	---	---	---

Circle the obtuse angles.

Skyler has soccer practice every day after school. During each practice she drinks a 1 liter bottle of water. Complete the table to show how many total liters of water Skyler drinks after five days of practice.

L	1	2	3	4	5
ml	1,000	2,000	3,000	4,000	5,000

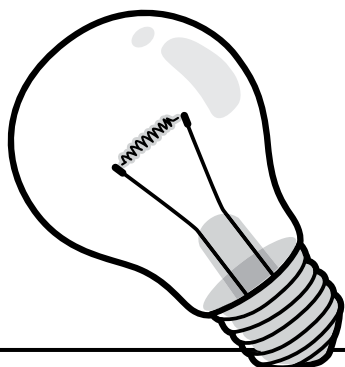
Fill in the missing factors of 24.

24	
1	24
2	12
3	8
4	6

Name: \_\_\_\_\_



# Math Buzz



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?

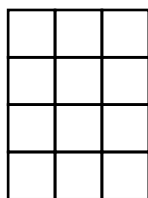
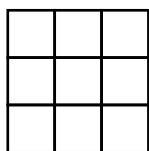


\_\_\_\_\_

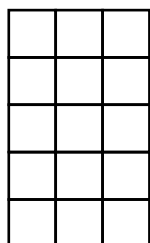
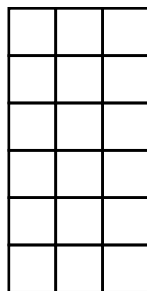
Multiply.

		9	4	
	x		5	

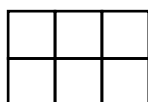
What is the missing figure in the pattern?



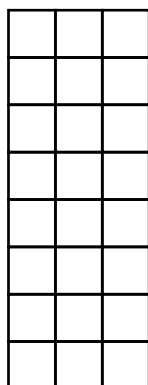
?



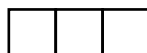
A



B



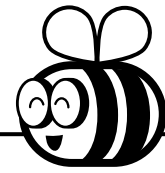
C



D

Draw a right angle.

Name: \_\_\_\_\_



# Math Buzz

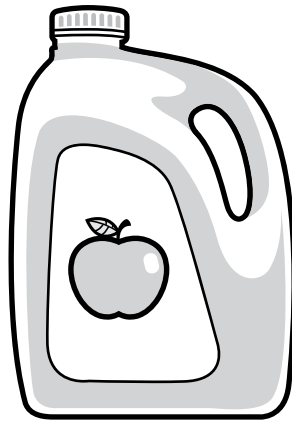
Solve each side and compare using  $>$ ,  $<$ ,  $=$ .

$(5 \times 8) \div 10 \quad \underline{\hspace{1cm}} \quad 9 \times (9 \div 3)$

$(2 \times 8) \div 4 \quad \underline{\hspace{1cm}} \quad (6 \times 6) \div 9$

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



answer: \_\_\_\_\_ quarts

Find the products.

$26 \times 10 = \underline{\hspace{2cm}}$

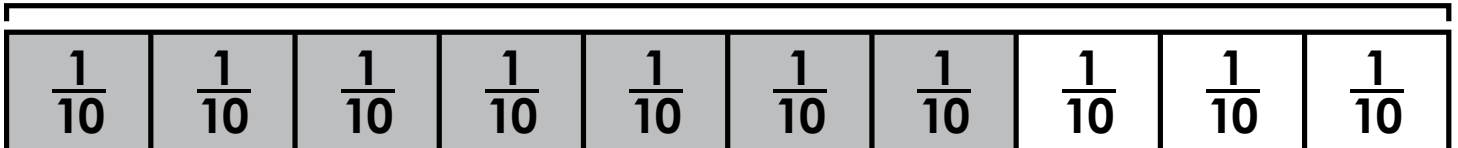
$26 \times 100 = \underline{\hspace{2cm}}$

$26 \times 1,000 = \underline{\hspace{2cm}}$

Draw a pair of perpendicular lines.

Complete the number sentence to match the tape diagram.

1



$$\frac{\square}{10} = \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10}$$





Name: \_\_\_\_\_

# Math Buzz

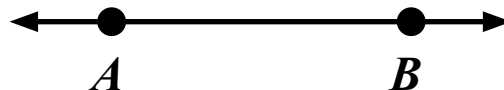
The kiddie pool at the community center is 5 meters wide. The length is twice as long as the width. What is the area of the kiddie pool?

Show your work



Area = \_\_\_\_\_ square meters

Circle the name of the figure shown.



Point  $AB$

Ray  $AB$

Line  $AB$

Line Segment  $AB$

Draw an acute angle.

Complete the table.

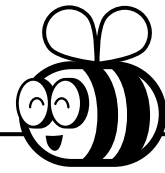
Input	Output
3,169,769	1,904,299
4,454,348	
5,293,091	
7,082,799	

Rule: Subtract 1,265,470

Multiply.

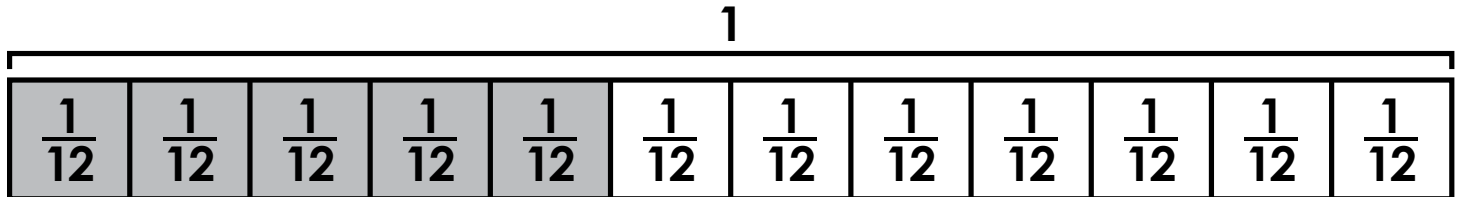
		5	7	
	x		6	

Name: \_\_\_\_\_



# Math Buzz

Complete the number sentence to match the tape diagram.



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

Fill in the missing multiples of 12.

12, , , , 60, , , , , 120

Find the quotients.

$64,000 \div 10 = \underline{\hspace{2cm}}$

$64,000 \div 100 = \underline{\hspace{2cm}}$

$64,000 \div 1,000 = \underline{\hspace{2cm}}$

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.

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Name: \_\_\_\_\_



# Math Buzz

Draw an obtuse angle.

Circle the factors pairs of 40.

1, 40

25, 15

5, 8

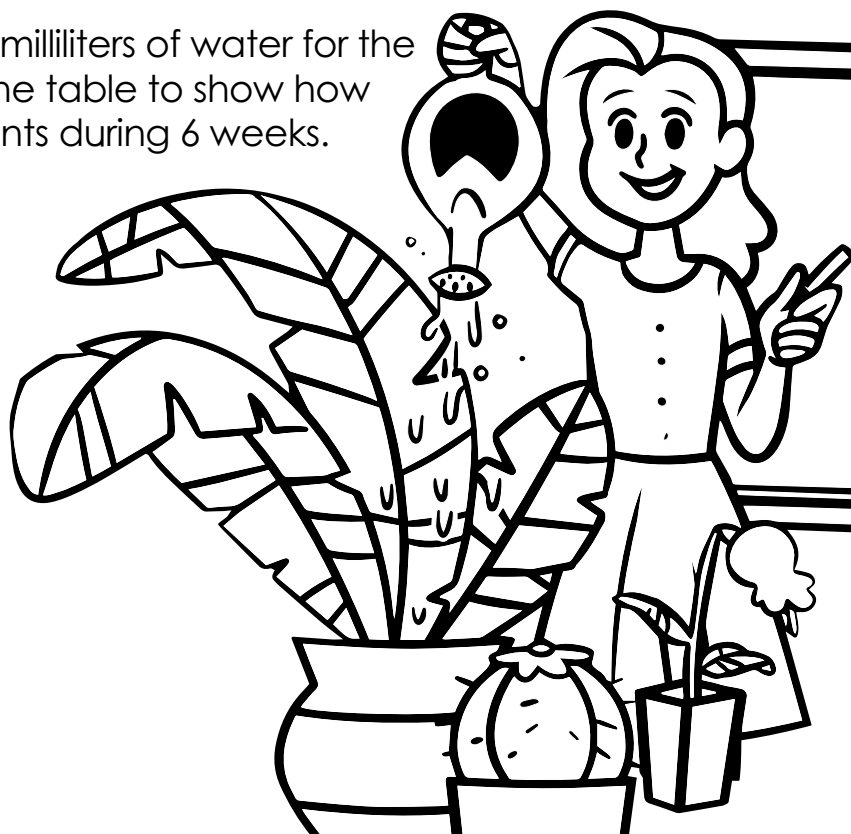
2, 20

4, 10

30, 10

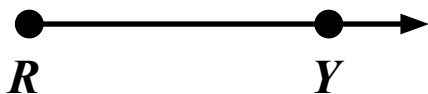
Each week, Mrs. Fletcher uses 1,000 milliliters of water for the plants in her classroom. Complete the table to show how many liters she uses to water her plants during 6 weeks.

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



answer: \_\_\_\_\_ liters

Circle the name of the figure shown.

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

Multiply.

		8	4	
	x		7	
	<hr/>			



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?

$$540 \div 90 = 6$$

answer: 6 floors

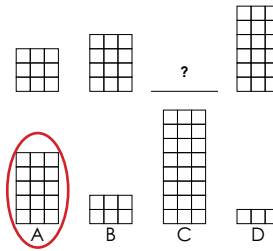
What is the smallest seven-digit number that can be made from the number cards shown?

5 9 1 4 6 8 2  
1,245,689

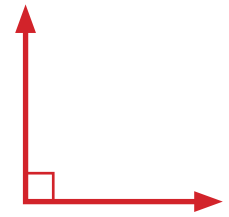
Multiply.

		2		
		9	4	
	x		5	
	4	7	0	

What is the missing figure in the pattern?



Draw a right angle.



Answers may vary.

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

$$(5 \times 8) \div 10 < 9 \times (9 \div 3)$$

$$\frac{40 \div 10}{4} < \frac{9 \times 3}{27}$$

$$(2 \times 8) \div 4 = (6 \times 6) \div 9$$

$$\frac{16 \div 4}{4} = \frac{36 \div 9}{4}$$

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?

$$8 \times 4 = 32$$

answer: 32 quarts

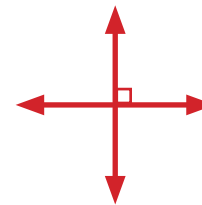
Find the products.

$$26 \times 10 = \underline{260}$$

$$26 \times 100 = \underline{2,600}$$

$$26 \times 1,000 = \underline{26,000}$$

Draw a pair of perpendicular lines.



Answers may vary.

Complete the number sentence to match the tape diagram.



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

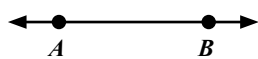
The kiddie pool at the community center is 5 meters wide. The length is twice as long as the width. What is the area of the kiddie pool?

$$5 \times 2 = 10$$

$$5 \times 10 = 50$$

Area = 50 square meters

Circle the name of the figure shown.



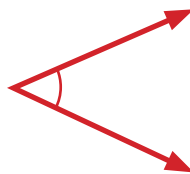
Point *AB*

Ray *AB*

Line *AB*

Line Segment *AB*

Draw an acute angle.



Answers may vary.

Multiply.

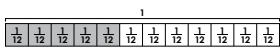
		4		
		5	7	
	x		6	
	3	4	2	

Complete the table.

Input	Output
3,169,769	1,904,299
4,454,348	<u>3,188,878</u>
5,293,091	<u>4,027,621</u>
7,082,799	<u>5,817,329</u>

Rule: Subtract 1,265,470

Complete the number sentence to match the tape diagram.



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

Fill in the missing multiples of 11.

12, 24, 36, 48, 60,

72, 84, 96, 108, 120

Find the quotients.

$$64,000 \div 10 = \underline{6,400}$$

$$64,000 \div 100 = \underline{640}$$

$$64,000 \div 1,000 = \underline{64}$$

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

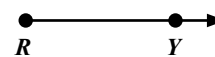
2, 20    4, 10

30, 10    5, 8

Milliliters	Liters
1,000	1
2,000	<u>2</u>
3,000	<u>3</u>
4,000	<u>4</u>
5,000	5
6,000	<u>6</u>

answer: 6 liters

Circle the name of the figure shown.



Ray *RY*

Line Segment *RY*

Line *RY*

Point *RY*

Multiply.

		2		
		8	4	
	x		7	
	5	8	8	