

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?

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

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

Draw a line to match each number.

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

7,009,615

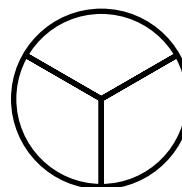
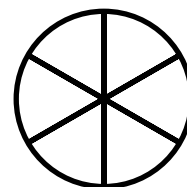
seven million  
nine thousand,  
six hundred fifteen

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

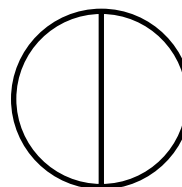
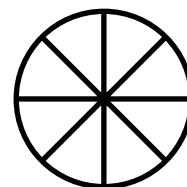
7,096,500

seven million, nine  
hundred sixteen  
thousand, fifty

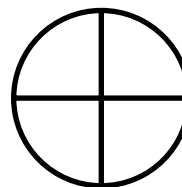
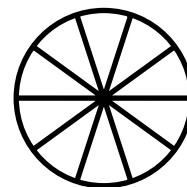
Shade each fraction, then compare using >, <, =.

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

\_\_\_\_\_

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

\_\_\_\_\_

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

\_\_\_\_\_

Add.

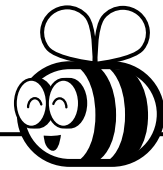
\_\_\_\_\_ = 159,358 + 2,764,592 + 485,236

3,268,516 + 824,347 + 5,642,873 = \_\_\_\_\_

Fill in the missing multiples of 6.

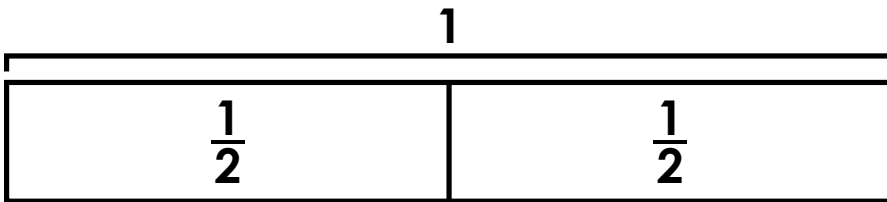
6, , , , 30, , , , , 60, ,

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.

Input	50,648	94,315	49,061	78,203
Output			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.

$$30 \times \boxed{\phantom{00}} = 210$$

$$360 = 90 \times \boxed{\phantom{00}}$$

$$\boxed{\phantom{00}} \times 80 = 480$$

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

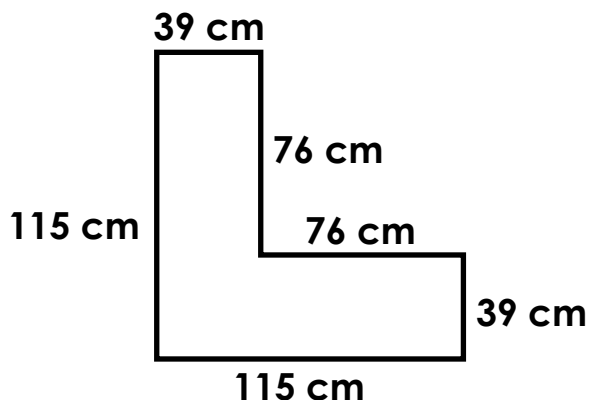
$$500,000 + 7,000 + 20 + 8$$

$$5,072,800$$

**fifty-seven thousand,  
two hundred eighty**

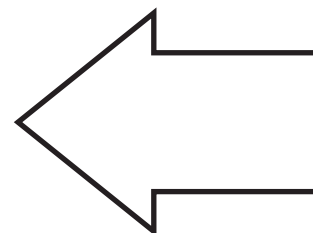
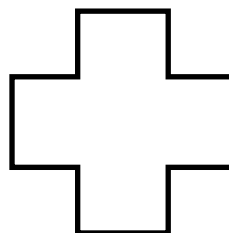
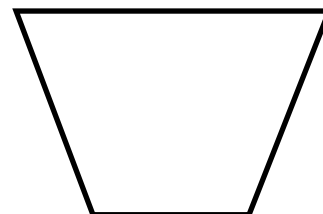
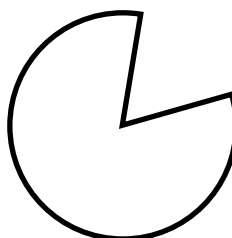
\_\_\_\_\_

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.

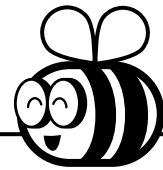


Complete the table.

Input	68,594	20,875	89,367	32,486
Output		25,533		

Rule: Add 4,658

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

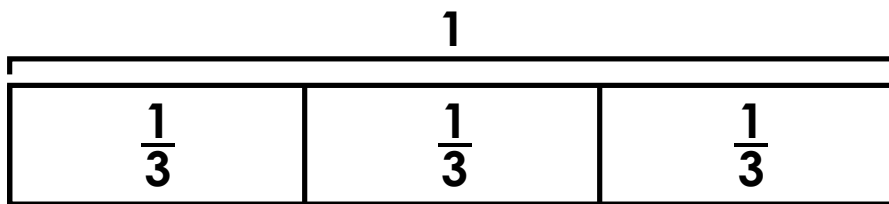


# Math Buzz

Fill in the missing multiples of 7.

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

Complete the number sentence to match the tape diagram.



$$1 = \frac{\boxed{\phantom{000}}}{3} = \frac{1}{3} + \frac{1}{3} + \frac{1}{3}$$

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

$a$	
570,641	94,743

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**

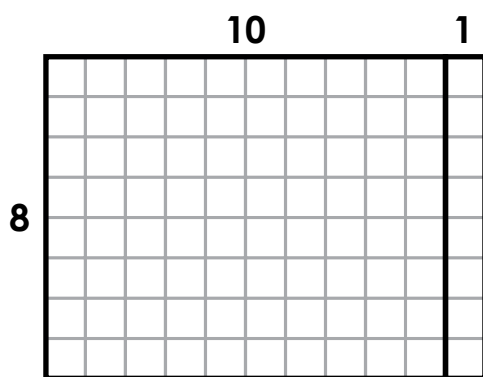
Add 1,000	Add 10,000	Add 100,000

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. \_\_\_\_\_

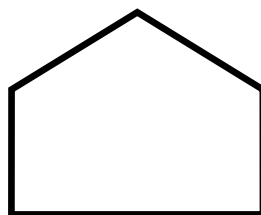
Use the distributive property to solve.



$8 \times 11 = \underline{\hspace{2cm}}$

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

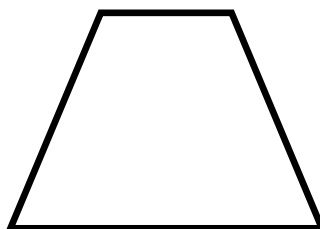
$(8 \times 10) + (8 \times 1) = \underline{\hspace{2cm}}$

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

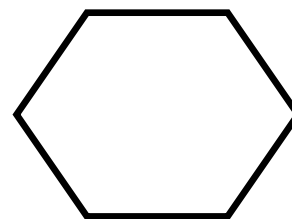
\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



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
a	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  
7,006,500  
seven million, nine hundred sixteen thousand, fifty

Add.

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

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

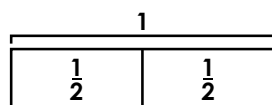
Fill in the missing multiples of 6.

6, 12, 18, 24, 30,

36, 42, 48, 54,

60, 66, 72

Complete the number sentence to match the tape diagram.



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

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>	<u>40,482</u>	<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.

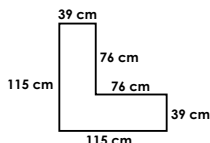
$$500,000 + 7,000 + 20 + 8$$

5,072,800

fifty-seven thousand, two hundred eighty

$$\underline{57,280} \quad \underline{507,028} \quad \underline{5,072,800}$$

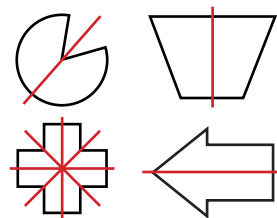
Mr. Thornton's fourth grade class has a pet guinea pig. Find the perimeter of the guinea pig's cage.



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

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>	<u>25,533</u>	<u>94,025</u>	<u>37,144</u>

Rule: Add 4,658

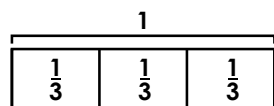
Fill in the missing multiples of 7.

7, 14, 21, 28, 35,

42, 49, 56, 63,

70, 77, 84

Complete the number sentence to match the tape diagram.



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

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 >, <, =.

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

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

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

$$780,278 - 91,792 = 698,486$$

a	
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

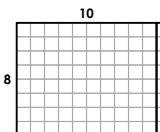
Add 1,000	Add 10,000	Add 100,000
<u>510,648</u>	<u>519,648</u>	<u>609,648</u>

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.



$$8 \times 11 = \underline{88}$$

$$8 \times (10 \times 1) = \underline{88}$$

$$(8 \times 10) + (8 \times 1) = \underline{88}$$

How many sets of parallel sides does each shape have?

