

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



## Math Buzz

Sanjay scheduled an afternoon of water activities while on a beach vacation with his family. He plans on taking a surfing lesson that lasts  $1\frac{1}{2}$  hours, and then renting a jet ski for 75 minutes. How many total minutes will Sanjay be participating in water activities?

**Show your work.**

Fill in the missing numbers.

$$\underline{\hspace{2cm}} \div 10^6 = 507$$

$$297 = \underline{\hspace{2cm}} \div 10^4$$

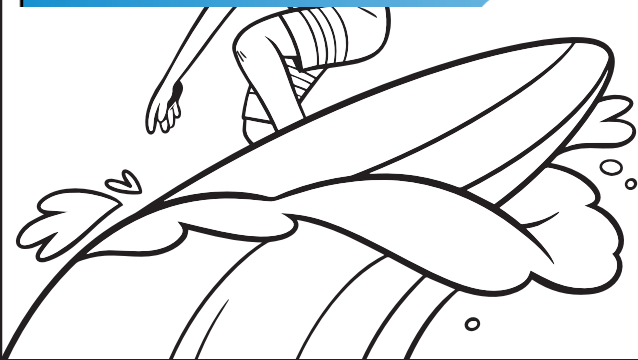
$$10 \text{ — } \times 27 = 2,700,000,000$$

$$999,999 = 9,999 \times 10$$



# Preview

Please log in to download the printable version of this worksheet.



Area = \_\_\_\_\_ square ft

Multiply.

$$691.4 \times 10 = \underline{\hspace{2cm}}$$

$$215.97 \times 10 = \underline{\hspace{2cm}}$$

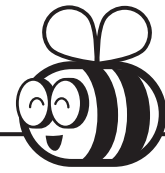
$$691.4 \times 100 = \underline{\hspace{2cm}}$$

$$215.97 \times 100 = \underline{\hspace{2cm}}$$

$$691.4 \times 1,000 = \underline{\hspace{2cm}}$$

$$215.97 \times 1,000 = \underline{\hspace{2cm}}$$

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



# Math Buzz

Evaluate each expression.

$$(10^3 \times 8) - (2,700,000,000 \div 10^6) = \underline{\hspace{2cm}}$$

$$(190,000,000 \div 10^7) + (10^5 \times 18) = \underline{\hspace{2cm}}$$

Camila made a gallon of iced tea for a picnic. After the picnic, she had  $\frac{1}{5}$  of the gallon left. She wants to put equal amounts of the remaining iced tea into 3 bottles. How many gallons of iced tea

Complete the chart.

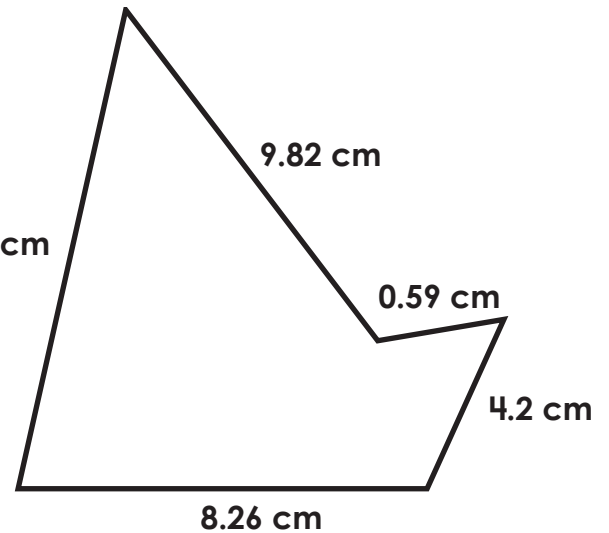
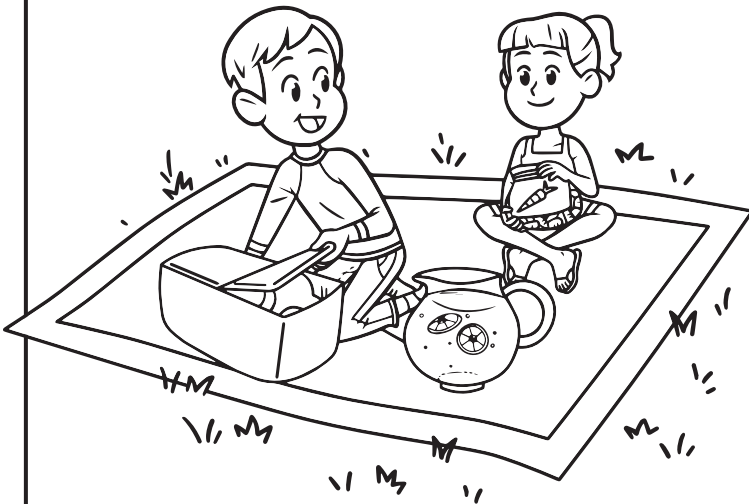
Division Expression	Improper Fraction	Mixed Number
	$\frac{21}{\quad}$	$2\frac{5}{\quad}$



# Preview

Please log in to download the printable version of this worksheet.

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



Perimeter = \_\_\_\_\_ cm

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



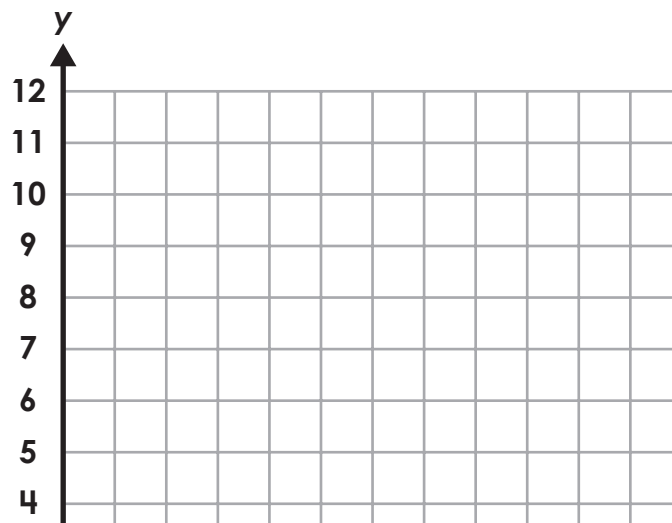
## Math Buzz

Multiply. Simplify if possible.

$$2\frac{2}{5} \times 4\frac{7}{8} = \underline{\hspace{2cm}}$$

$$7\frac{1}{3} \times 3\frac{9}{10} = \underline{\hspace{2cm}}$$

Plot and label the points on the coordinate grid.



Classify the polygon using as many names as possible.



parrallelogram

rhombus

square

rectangle

quadrilateral

trapezoid

# Preview

Please log in to download the printable version of this worksheet.

What is the horizontal distance between Point L and Point G?

answer: \_\_\_\_\_ units

Divide.

$$185.6 \div 10 = \underline{\hspace{2cm}}$$

$$254.21 \div 10 = \underline{\hspace{2cm}}$$

$$185.6 \div 100 = \underline{\hspace{2cm}}$$

$$254.21 \div 100 = \underline{\hspace{2cm}}$$

$$185.6 \div 1,000 = \underline{\hspace{2cm}}$$

$$254.21 \div 1,000 = \underline{\hspace{2cm}}$$



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

# Math Buzz

Use place value patterns to complete the table.

$\frac{1}{10}$ of	Number	10 times as much
	0.84	
	7.52	
	33.44	
	601.76	

Insert parentheses to make each statement true.

$$18 - 3 + 2 = 13$$

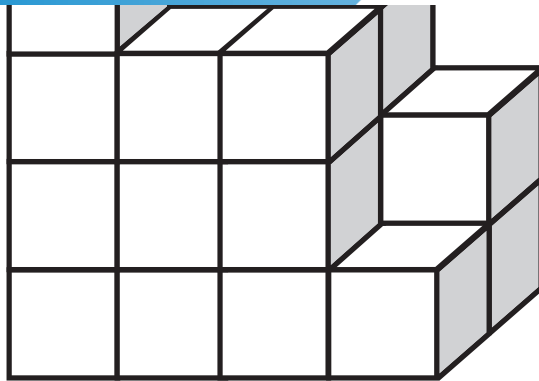
$$18 - 3 + 2 = 17$$

Mr. Rogen has 12 pounds of modeling clay that he needs to divide equally among the 5 students in his pottery class. How much clay will each student get? Simplify if possible.



# Preview

Please log in to download the printable version of this worksheet.



Volume = \_\_\_\_\_ cubic units

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



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



## Math Buzz

Evaluate each expression for  $x = 18$  and  $y = 6$ .

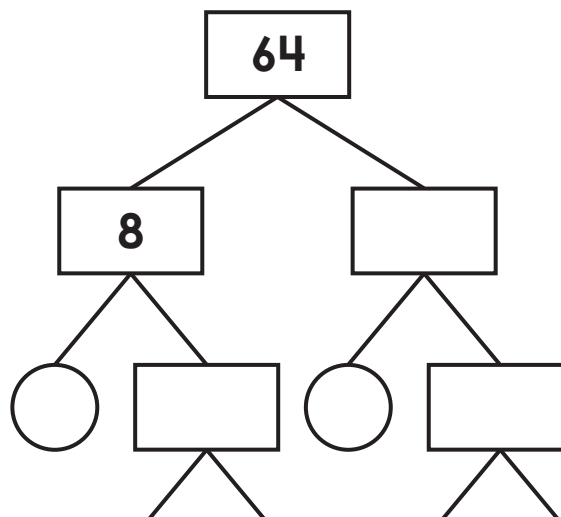
$$x \div y = \underline{\hspace{2cm}}$$

$$y \div (x \div y) = \underline{\hspace{2cm}}$$

Divide. Simplify if possible.

$$\frac{5}{9} \div 4 = \underline{\hspace{2cm}}$$

Complete the factor tree to find the prime factors.



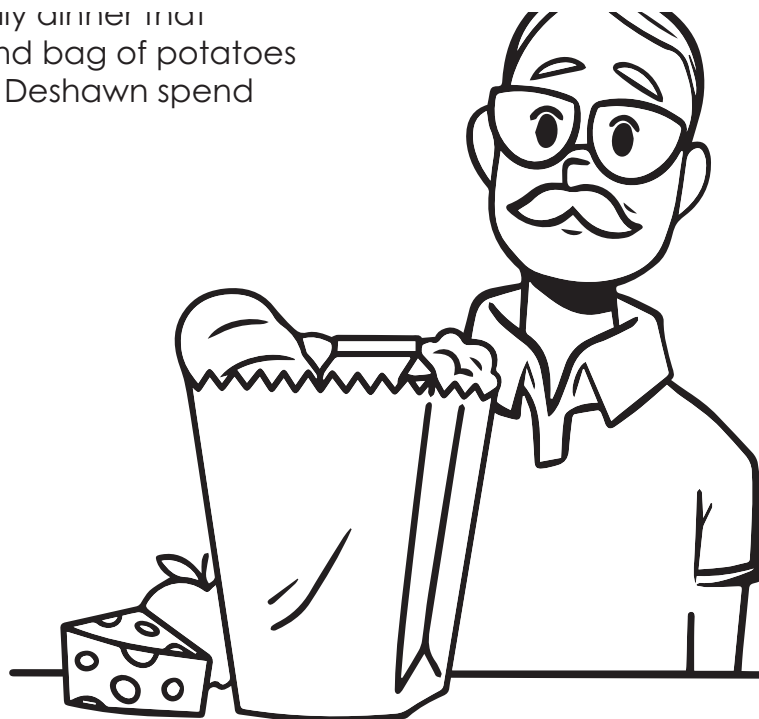
# Preview

Please log in to download the printable version of this worksheet.

Deshawn bought a 16-pound roast for a family dinner that cost \$7 per pound. He also bought an 8-pound bag of potatoes that cost \$3 per pound. How much more did Deshawn spend on the roast than the potatoes?

**Show your work.**

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





Sanjay scheduled an afternoon of water activities while on a beach vacation with his family. He plans on taking a surfing lesson that lasts  $1\frac{1}{2}$  hours, and then renting a jet ski for 75 minutes. How many total minutes will Sanjay be participating in water activities?  
 $1\frac{1}{2}$  hours = 90 min.  $90 + 75 = 165$   
 answer: **165 minutes**

Fill in the missing numbers.  
 $507,000,000 \div 10^6 = 507$   
 $297 = 2,970,000 \div 10^4$   
 $10^8 \times 27 = 2,700,000,000$   
 $990,000 = 9,900 \times 10^2$

Find the area of the rectangle. Simplify if possible.  
 $7\frac{2}{3}$  ft  
 $\frac{2}{6}$  ft  
 $7\frac{2}{3} \times \frac{2}{6} = \frac{46}{18} = 2\frac{5}{9}$   
 Area =  $2\frac{5}{9}$  square m

Multiply.  
 $691.4 \times 10 = 6,914$   
 $691.4 \times 100 = 69,140$   
 $691.4 \times 1,000 = 691,400$   
 $215.97 \times 10 = 2,159.7$   
 $215.97 \times 100 = 21,597$   
 $215.97 \times 1,000 = 215,970$

Evaluate each expression.  
 $(10^3 \times 8) - (2,700,000,000 \div 10^6) = 5,300$   
 $(190,000,000 \div 10^7) + (10^5 \times 18) = 1,800,019$

Camila made a gallon of iced tea for a picnic. After the picnic, she had  $\frac{1}{5}$  of the gallon left. She wants to put equal amounts of the remaining iced tea into 3 bottles. How many gallons of iced tea will be in each bottle?  
 Show your work:  
 $\frac{1}{5} \div \frac{3}{1} = \frac{1}{5} \times \frac{1}{3} = \frac{1}{15}$

Complete the chart.

Division Expression	Improper Fraction	Mixed Number
$21 \div 8$	$\frac{21}{8}$	$2\frac{5}{8}$
$43 \div 12$	$\frac{43}{12}$	$3\frac{7}{12}$
$19 \div 4$	$\frac{19}{4}$	$4\frac{3}{4}$

Find the perimeter of the polygon.  
  
 $9.82 + 0.59 + 4.2 + 8.26 + 11.7 = 34.57$



# Preview

Please log in to download the printable version of this worksheet.

answer: **6** units      quadrilateral      trapezoid       $25,121 \div 1,000 = 25.121$

Use place value patterns to complete the table.

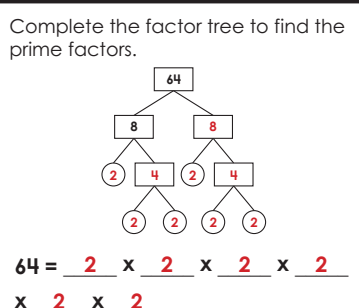
$\frac{1}{10}$ of	Number	10 times as much
.084	0.84	8.4
.752	7.52	75.2
3.344	33.44	334.4
60.176	601.76	6,017.6

Insert parentheses to make each statement true.  
 $18 - (3 + 2) = 13$   
 $(18 - 3) + 2 = 17$

Count the cubes and write the volume of the figure.  
  
 Volume = **25** cubic units

Mr. Rogen has 12 pounds of modeling clay that he needs to divide equally among the 5 students in his pottery class. How much clay will each student get? Simplify if possible.  
 Show your work:  
 $12 \div 5 = \frac{12}{5} = 2\frac{2}{5}$   
 answer:  **$2\frac{2}{5}$  pounds of clay**

Evaluate each expression for  $x = 18$  and  $y = 6$ .  
 $x \div y = 18 \div 6 = 3$   
 $y \div (x \div y) = 6 \div (18 \div 6) = 2$



Divide. Simplify if possible.  
 $\frac{5}{9} \div 4 = \frac{5}{36}$   
 $\frac{4}{6} \div 5 = \frac{4}{30} = \frac{2}{15}$   
 $\frac{6}{12} \div 9 = \frac{6}{108} = \frac{1}{18}$

Deshawn bought a 16-pound roast for a family dinner that cost \$7 per pound. He also bought an 8-pound bag of potatoes that cost \$3 per pound. How much more did Deshawn spend on the roast than the potatoes?  
 Show your work:  
 $16 \times 7 = 112$     $8 \times 3 = 24$     $112 - 24 = 88$   
 answer: **\$88**