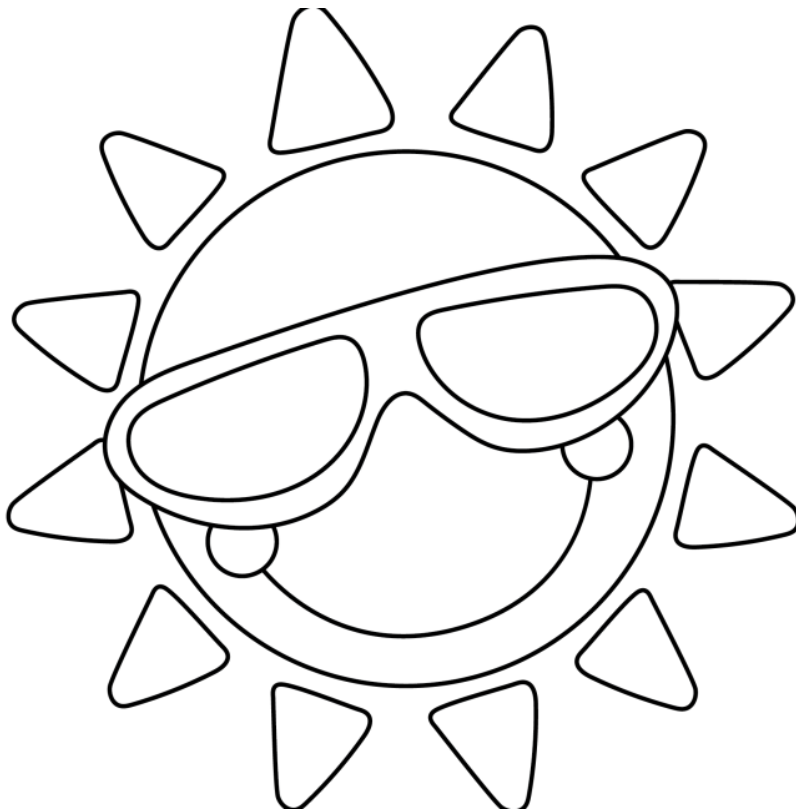
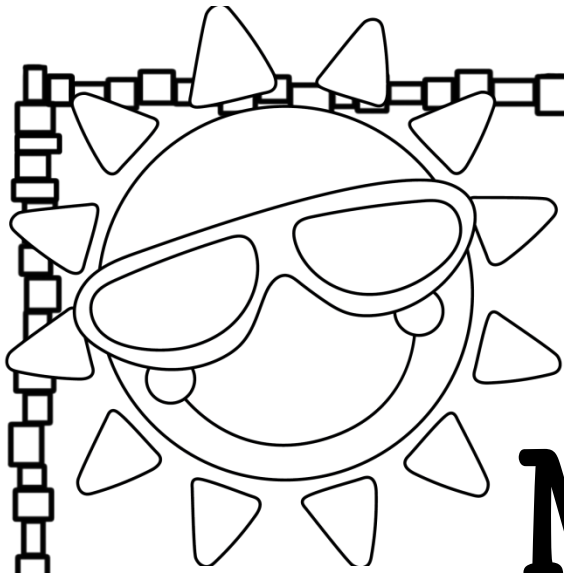


Print & Go

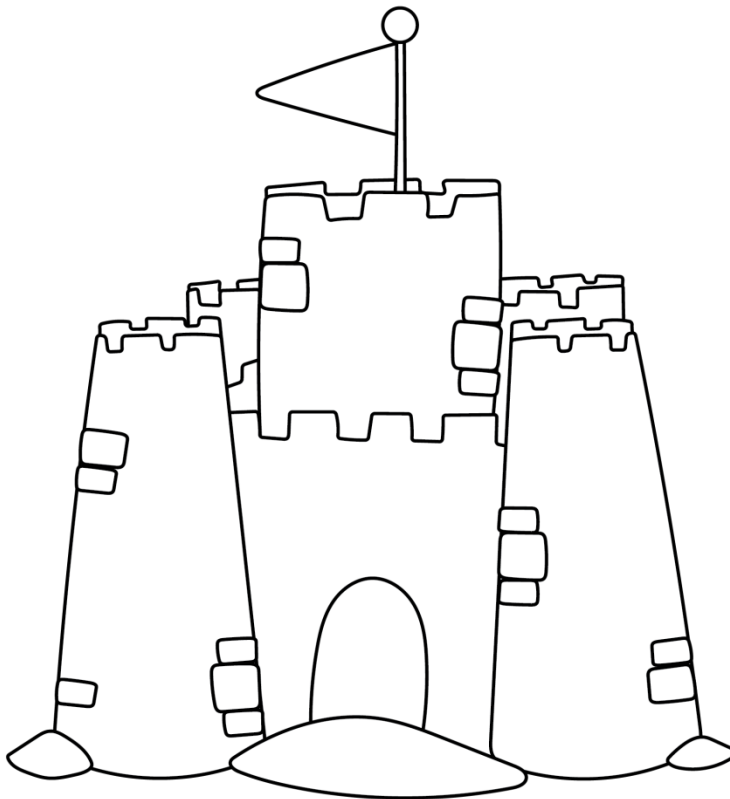
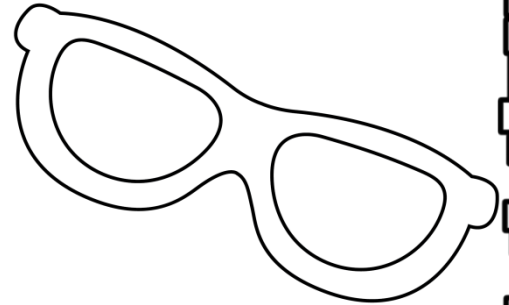
Math PRACTICE



FREE from
The Curriculum Corner



My Math Practice Book



Name: _____

Name: _____

Put a star by the proportions that are true.

$$\frac{8}{9} = \frac{72}{81}$$

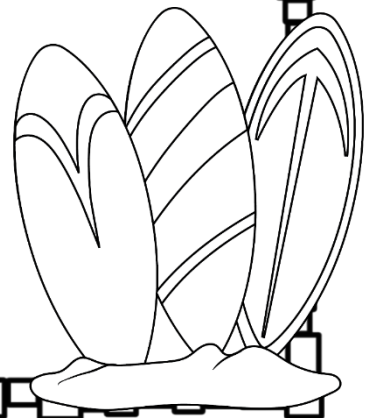
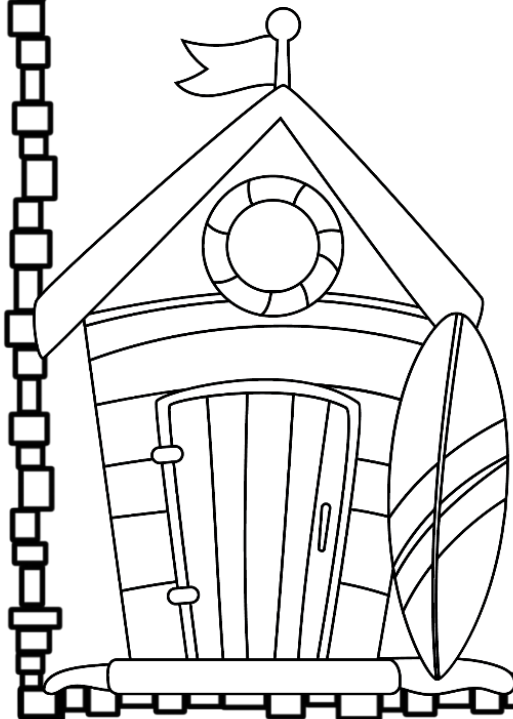
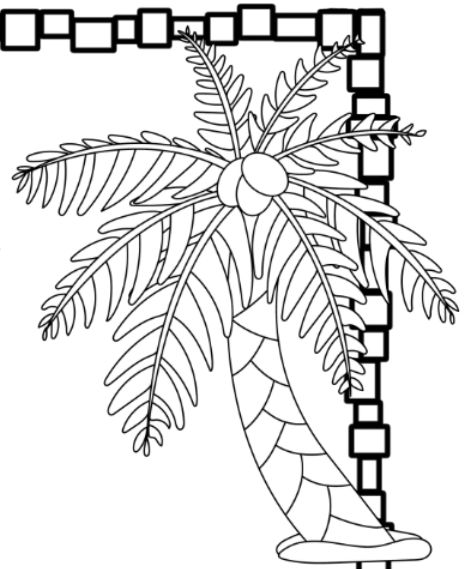
$$\frac{11}{20} = \frac{20}{24}$$

$$\frac{4}{5} = \frac{12}{20}$$

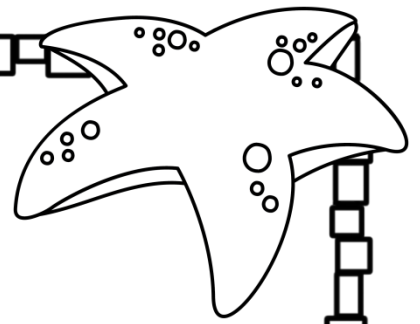
$$\frac{8}{3} = \frac{24}{9}$$

$$\frac{1}{3} = \frac{4}{9}$$

$$\frac{15}{25} = \frac{3}{5}$$



Name: _____



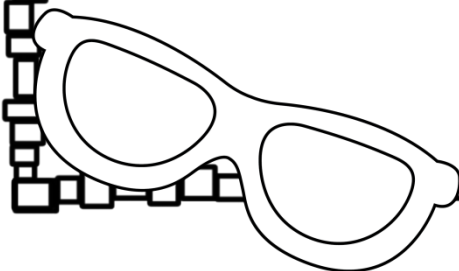
Unit Rate Problems

A fruit box subscription is \$105 for one year. What is the price per month?

A box of granola bars is \$3.44. The box has 8 bars. How much does each granola bar cost?

Our class is going on a field trip. Our class had to pay \$243.60 for all 28 of us to go. What is the cost per student?

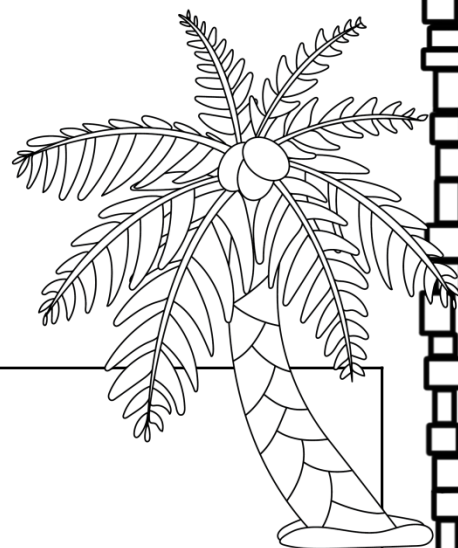
We bought a pack of drinks for \$8.28. There were 12 in the box. What is the cost per drink?



Name: _____

Unit Rate Problems

Directions: Solve each problem.

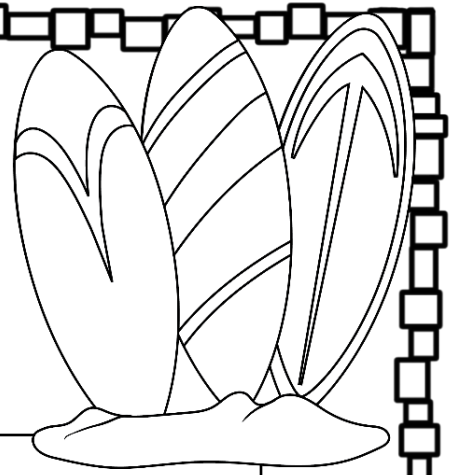


We are buying apples for the school picnic. Five of the boxes weighed 150 pounds total. How many did 7 boxes weigh?	
A candy store sells 50 pieces of gum for every 40 pieces of taffy. The store sold 250 pieces of gum yesterday. How many pieces of taffy did they sell?	
On a map of our city, each inch represents 10 miles. What is the length of a road that is 4 inches long on the map?	
There are 32 granola bars in 4 boxes of granola bars. How many granola bars are there in 7 boxes?	

Name: _____

Finding Percentages

Directions: Write the equivalent fraction for each percent.

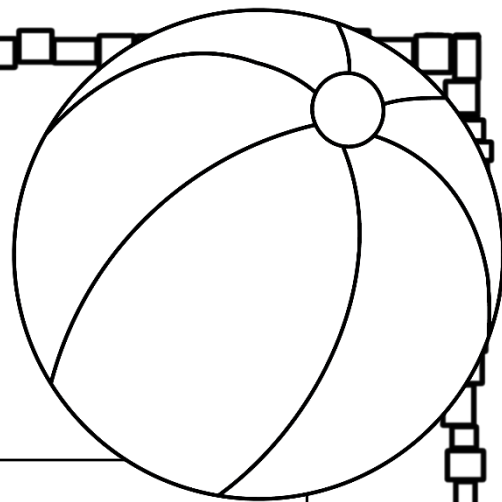


25%	
16%	
36%	
44%	
62%	
13%	
90%	
52%	

Name: _____

Finding Percentages

Directions: Write each answer
in simplest form.

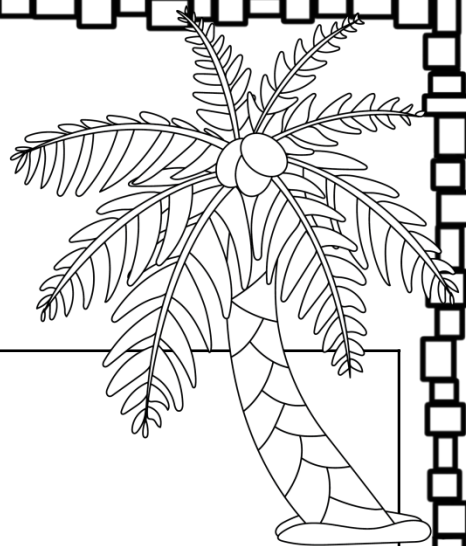


28% of 7	
18% of 45	
4% of 92	
90% of 60	
12% of 40	
15% of 45	
95% of 80	
3 % of 25	

Name: _____

Finding Percentages

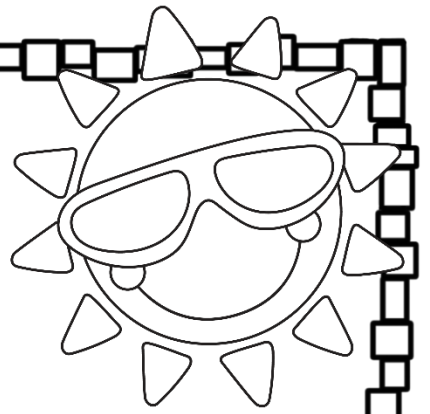
Directions: Solve each problem.



I bought a shirt that was \$15. Sales tax is 7%. What is the amount of sales tax?	
James is saving for a new phone. It will cost \$225. The sales tax will be 6%. What is the total price I will pay after tax?	
There are 656 students in our school. Twenty-five percent of the students are going to go to the football game. How many students are going to the football game?	
My school collected 1,200 cans in the food drive. Sixty percent of the cans were vegetables and the rest were fruits. How many of each were collected?	

Name: _____

Converting Measurements



Research to complete the chart.

Units of length

_____ inches (in.) = 1 foot (ft.)

3 feet = _____ yard (yd.)

36 inches = _____ yard (yd.)

_____ feet = 1 mile (mi.)

_____ yards = 1 mile (mi.)

Name: _____

Converting Measurements

Directions: Convert each unit.



$$15 \text{ yd.} = \quad \text{ft.}$$

$$42 \text{ ft} = \quad \text{yd.}$$

$$6 \text{ yd} = \quad \text{in.}$$

$$144 \text{ in.} = \quad \text{yd.}$$

$$18 \text{ in.} = \quad \text{ft.}$$

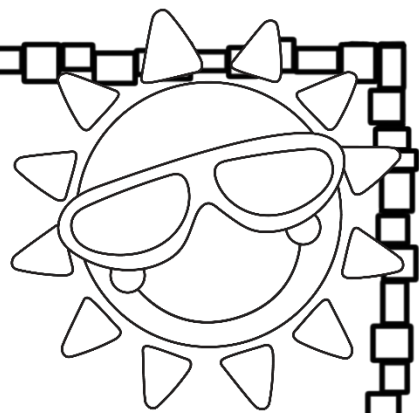
$$12 \text{ yd.} = \quad \text{ft.}$$

$$2 \text{ yd. } 9 \text{ in.} = \quad \text{in.}$$

$$7 \text{ yd. } 2 \text{ ft.} = \quad \text{in.}$$

Name: _____

Converting Measurements



Research the metric units of weight to complete the chart.

Units of Weight

1 g = _____ mg

_____ kg = 1,000 g

1 mg = _____ g

_____ g = .0001 kg

Name: _____

Converting Measurements

Directions: Convert each unit.

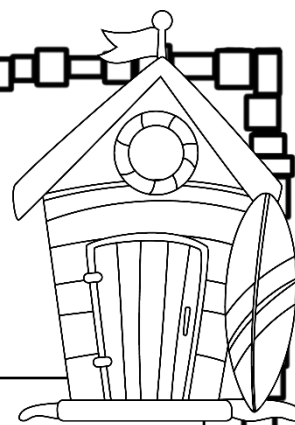


73 mg = _____ g	3.66 kg = _____ g
900 g = _____ kg	0.83 g = _____ mg
5,000 g = _____ kg	1.6 kg = _____ g
300 mg = _____ g	297 g = _____ kg

Name: _____

Dividing Numbers

Directions: Write the answer to each problem.
You might need to rewrite the problem first.



$$768 \div 24 =$$

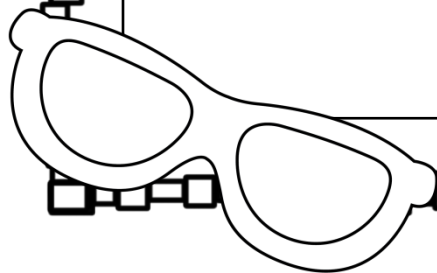
$$84 \div 12 =$$

$$615 \div 23 =$$

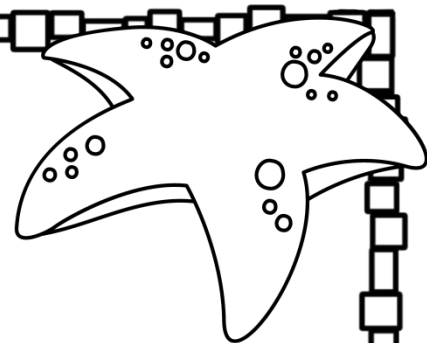
$$913 \div 31 =$$

$$529 \div 56 =$$

$$880 \div 45 =$$



Name: _____



Addition of Decimals

$$\begin{array}{r} 9.484 \\ +6.312 \\ \hline \end{array}$$

$$\begin{array}{r} 13.365 \\ +27.833 \\ \hline \end{array}$$

$$\begin{array}{r} 4.728 \\ +6.8423 \\ \hline \end{array}$$

$$\begin{array}{r} 24.456 \\ +24.842 \\ \hline \end{array}$$

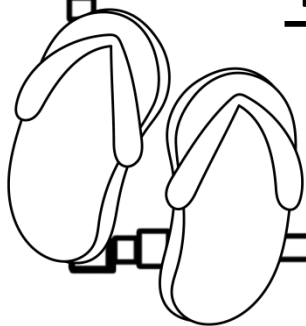
$$\begin{array}{r} 39.755 \\ +24.757 \\ \hline \end{array}$$

$$\begin{array}{r} 472.220 \\ +244.259 \\ \hline \end{array}$$

$$\begin{array}{r} 3.7 \\ 7.2 \\ +1.8 \\ \hline \end{array}$$

$$\begin{array}{r} 68.8 \\ 67.9 \\ +24.5 \\ \hline \end{array}$$

$$\begin{array}{r} 32.03 \\ 37.76 \\ +81.82 \\ \hline \end{array}$$



Name: _____



Subtraction of Decimals

$$\begin{array}{r} 8.488 \\ -6.392 \\ \hline \end{array}$$

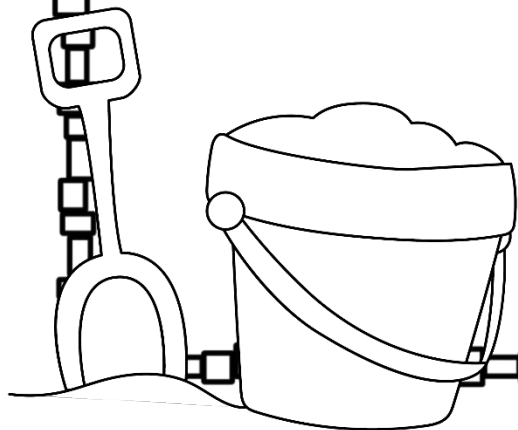
$$\begin{array}{r} 63.364 \\ -27.818 \\ \hline \end{array}$$

$$\begin{array}{r} 28.157 \\ -12.842 \\ \hline \end{array}$$

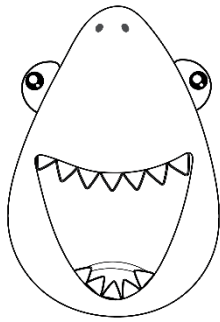
$$\begin{array}{r} 35.285 \\ -24.088 \\ \hline \end{array}$$

$$\begin{array}{r} 42.278 \\ -18.756 \\ \hline \end{array}$$

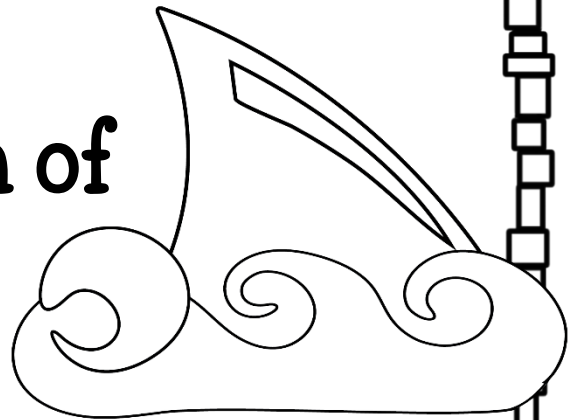
$$\begin{array}{r} 382.870 \\ -154.258 \\ \hline \end{array}$$



Name: _____



Multiplication of Decimals



$$\begin{array}{r} 0.82 \\ \times \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} 0.09 \\ \times \quad 0.6 \\ \hline \end{array}$$

$$\begin{array}{r} 0.325 \\ \times \quad 0.4 \\ \hline \end{array}$$

$$\begin{array}{r} 0.73 \\ \times \quad 4.2 \\ \hline \end{array}$$

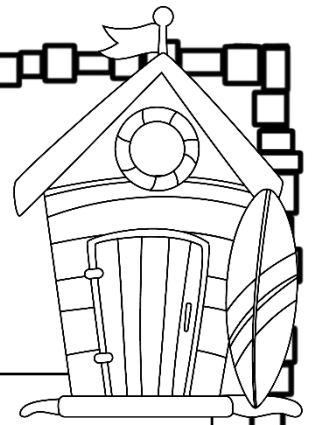
$$\begin{array}{r} 84.1 \\ \times \quad 0.74 \\ \hline \end{array}$$

$$\begin{array}{r} 0.35 \\ \times \quad 18 \\ \hline \end{array}$$

Name: _____

Division of Decimals

Directions: Write the answer to each problem.
You might need to rewrite the problem first.

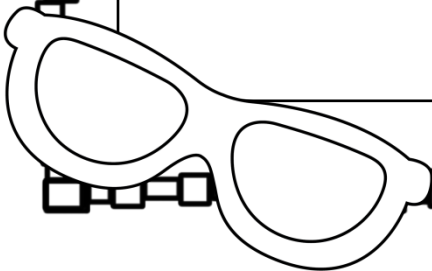


$$1.68 \div 0.03 =$$

$$2.16 \div .06 =$$

$$27.12 \div 0.06 =$$

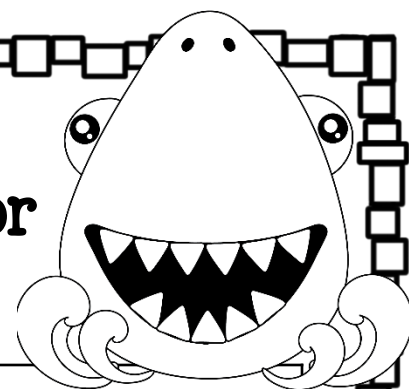
$$0.027 \div 0.3 =$$



Name: _____

Greatest Common Factor

Directions: Find the GCF for each set of numbers.



32 and 40

8

5 and 12

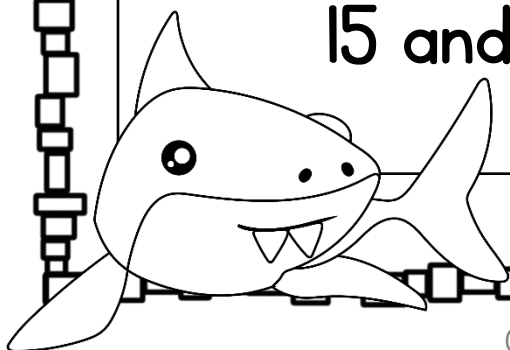
16 and 12

24 and 15

6 and 4

18 and 6

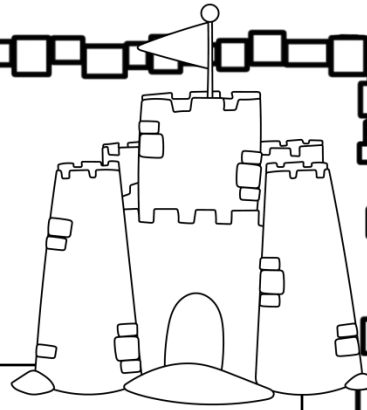
15 and 45



Name: _____

Multiples

Directions: List the Least Common Multiple.



9 and 3

9

6 and 9

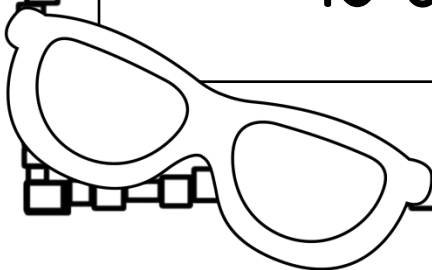
12 and 8

7 and 5

15 and 9

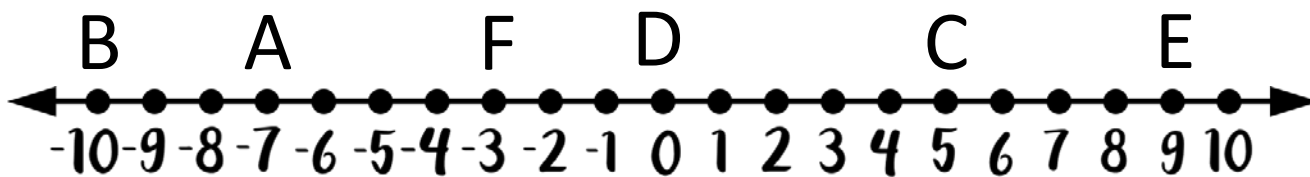
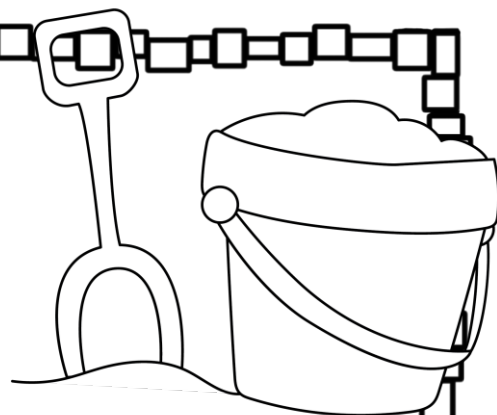
12 and 18

10 and 6



Name: _____

Positive and Negative Integers



Directions: Use integers to name each point on the number line.

A _____

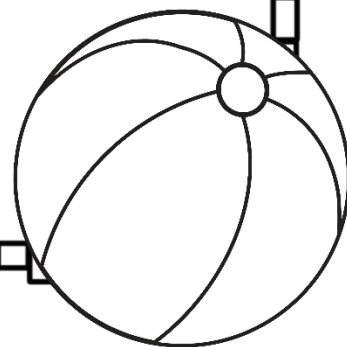
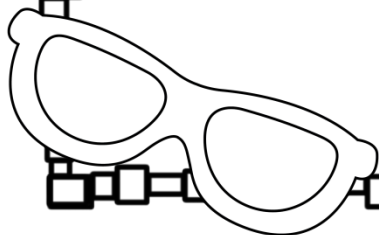
B _____

C _____

D _____

E _____

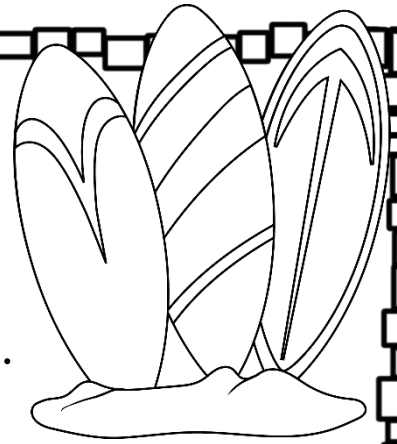
F _____



Name: _____

Use $>$, $<$ or $=$

Directions: Compare each set of numbers.
Use the correct sign.



2		-2
---	--	----

3		7
---	--	---

-7		12
----	--	----

6		-4
---	--	----

8		-10
---	--	-----

-5		-6
----	--	----

9		6
---	--	---

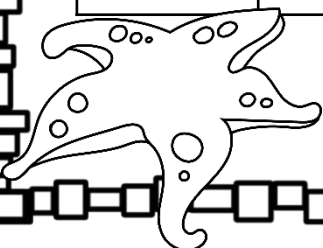
-12		-1
-----	--	----

2		-2
---	--	----

-12		-10
-----	--	-----

0		-4
---	--	----

13		-13
----	--	-----



Name: _____



Add or Subtract

$9 + (-4) =$

$5 - 2 =$

$7 + (-9) =$

$-4 - 6 =$

$-3 + 8 =$

$8 - (-2) =$

$-4 + 7 =$

$-12 - 3 =$

$-16 + 0 =$

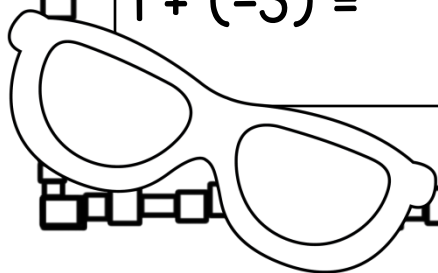
$4 - 19 =$

$0 + (-8) =$

$-1 + 2 =$

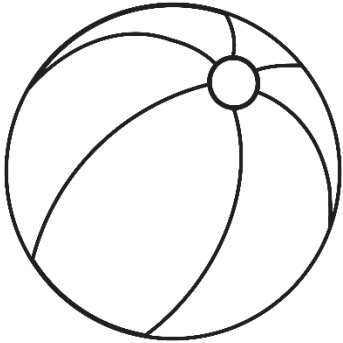
$1 + (-3) =$

$7 + (-7) =$



Name: _____

Solve each equation.



$$5 \times (5 - 3) = \underline{\hspace{2cm}}$$

$$20 - 4 \times 3 = \underline{\hspace{2cm}}$$

$$(7 \times 8) - (4 \times 9) = \underline{\hspace{2cm}}$$

$$20 \div 2 \times 5 = \underline{\hspace{2cm}}$$

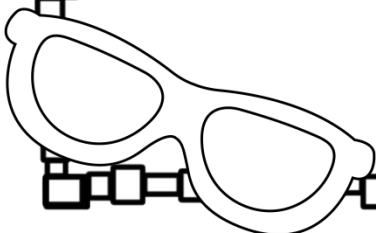
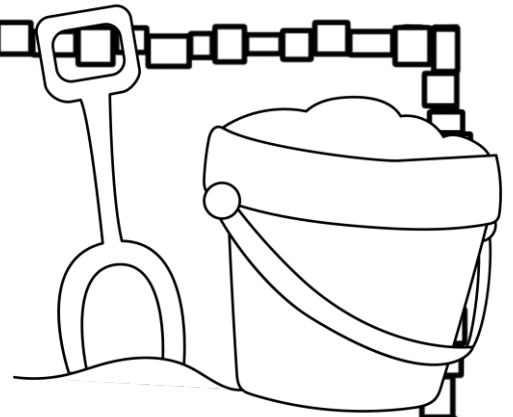
$$84 \div (8 + 6) \div 3 = \underline{\hspace{2cm}}$$

$$(2 \times 5) \times 4 = \underline{\hspace{2cm}}$$

$$(7 - 3) \times 4 = \underline{\hspace{2cm}}$$

$$16 \div (12 - 4) = \underline{\hspace{2cm}}$$

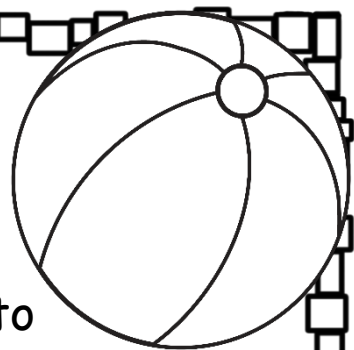
$$7 \times 3 + 2 = \underline{\hspace{2cm}}$$



Name: _____

Simplifying Expressions

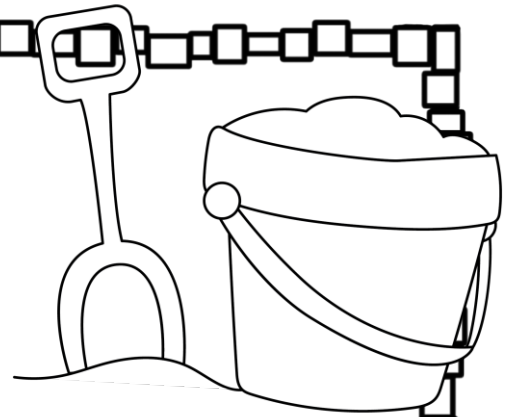
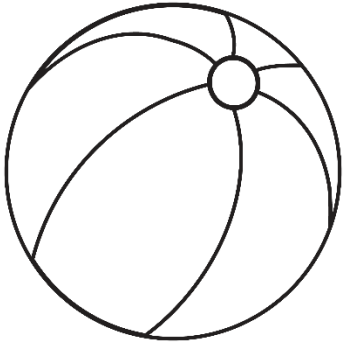
Directions: Use the order of operations to simplify each expression.



$(10 \times 9) \div 15$	
$(32 \div 4) + (10 - 9)$	
$27 - (6 \times 4)$	
$(7 \times 8) \div 2 + 6$	
$(42 \div 6) \times 9$	
$(9 + 6) \times (18 - 5)$	
$10.8 \div (5 + 4)$	
$2.4 (5 \times 4.8 - 2.9)$	

Name: _____

Solve each equation.



$$(3 + 1)^3 = \underline{\hspace{2cm}}$$

$$3^2 + 5^2 = \underline{\hspace{2cm}}$$

$$(2 + 5)^3 = \underline{\hspace{2cm}}$$

$$3^2 + 2^3 = \underline{\hspace{2cm}}$$

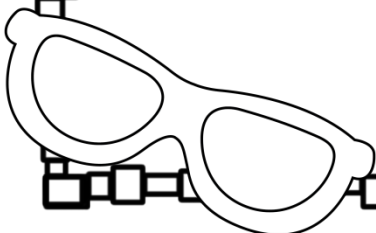
$$(4 + 2)^2 = \underline{\hspace{2cm}}$$

$$(5 - 1)^3 = \underline{\hspace{2cm}}$$

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

$$2^2 + 4^2 = \underline{\hspace{2cm}}$$

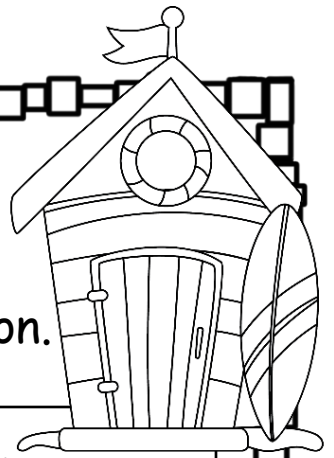
$$(2 + 2)^3 - 3 = \underline{\hspace{2cm}}$$



Name: _____

Writing Equations

Directions: Rewrite each sentence as an equation.



Three times a number is 18.

Sixty less than a number is 32.

Four times a number is 36.

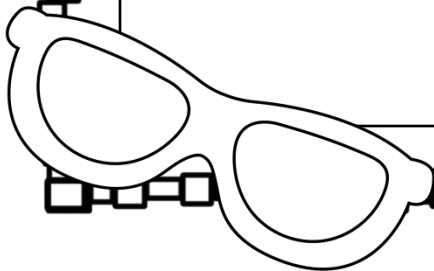
Sixteen divided by a number 4.

The product of 6 and a number is 72.

Nine times a number is 81.

Eight decreased by a number is 2.

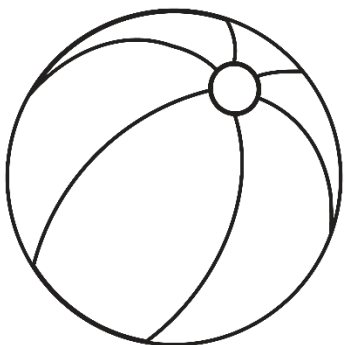
A number minus 8 is 17.



Name: _____

Evaluate each expression.

$a = 2, x = -3$ and $y = -2$



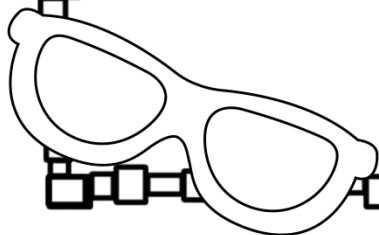
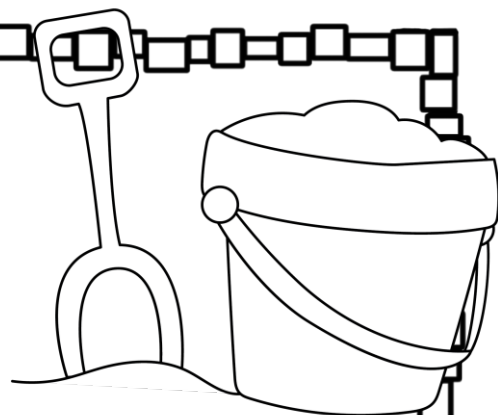
$$x(ax + ay) = \underline{\hspace{2cm}}$$

$$ay + y - 5x = \underline{\hspace{2cm}}$$

$$4x - (xy + 2) = \underline{\hspace{2cm}}$$

$$5x(8a + -4y) + -3y = \underline{\hspace{2cm}}$$

$$3xy - 2x(4a - 8y) = \underline{\hspace{2cm}}$$



Name: _____

BEACH

Simplifying Expressions

$$3(2a - 8b)$$

$$2x(3y + -6)$$

$$7(-5x + 8z)$$

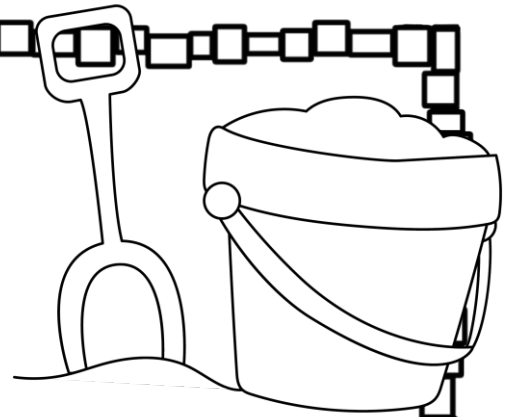
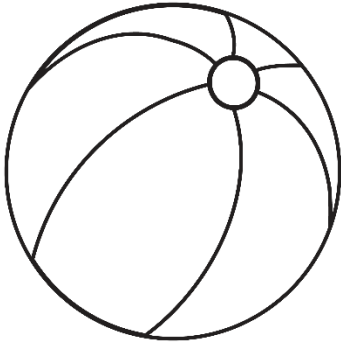
$$-5y(6z - 10)$$

$$-2x(-7 + 8y)$$

$$y(-13) + 2x$$

Name: _____

Solve each equation.



$$t + 5 = 9 \quad \underline{\hspace{2cm}}$$

$$b + 7 = 19 \quad \underline{\hspace{2cm}}$$

$$m - 5 = 5 \quad \underline{\hspace{2cm}}$$

$$x - 4 = 18 \quad \underline{\hspace{2cm}}$$

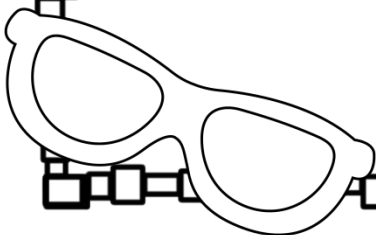
$$x + 6 = 20 \quad \underline{\hspace{2cm}}$$

$$n + 8 = 13 \quad \underline{\hspace{2cm}}$$

$$x - 2 = 8 \quad \underline{\hspace{2cm}}$$

$$x + 0 = 9 \quad \underline{\hspace{2cm}}$$

$$b + 5 = 5 = \underline{\hspace{2cm}}$$



Name: _____

Solve each equation.

$$4 \times a = 16 \quad \underline{\hspace{2cm}}$$

$$b \div 5 = 15 \quad \underline{\hspace{2cm}}$$

$$13 \times n = 91 \quad \underline{\hspace{2cm}}$$

$$c \div 10 = 40 \quad \underline{\hspace{2cm}}$$

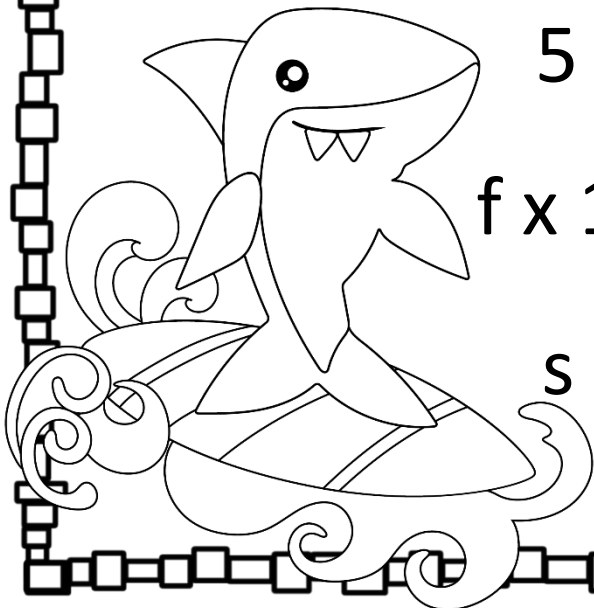
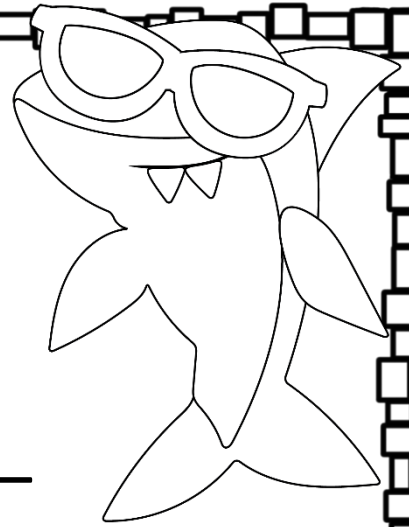
$$n \times 4 = 56 \quad \underline{\hspace{2cm}}$$

$$7 \times y = 91 \quad \underline{\hspace{2cm}}$$

$$5 \times b = 85 \quad \underline{\hspace{2cm}}$$

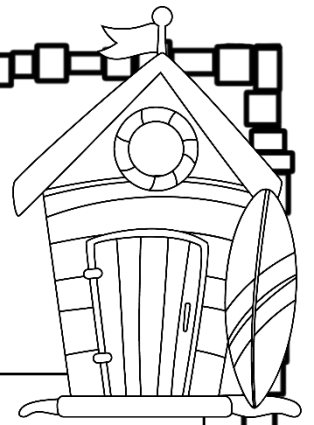
$$f \times 19 = 152 \quad \underline{\hspace{2cm}}$$

$$s \div 7 = 16 \quad \underline{\hspace{2cm}}$$



Name: _____

Solving Inequalities



$$x + 5 > 8$$

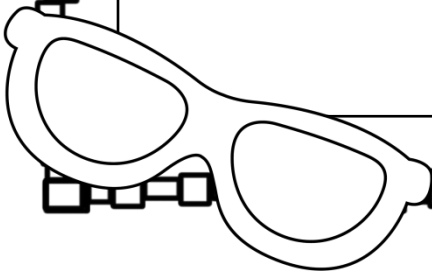
$$t - 4 < 11$$

$$12 < m + 6$$

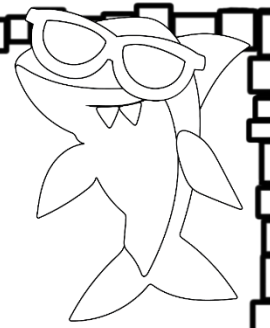
$$p + 4 \leq 35$$

$$15 > 7 + n$$

$$x - 6 \geq 8$$



Name: _____



Finding the perimeter and area.

Directions: Determine the perimeter and area of each shape.

3.1 in



2.4 in

The perimeter is:

The area is:

10.1 m



3.8 m

The perimeter is:

The area is:

11.7 mm



8.2 mm

The perimeter is:

The area is:

7.5 cm



14.2 cm

The perimeter is:

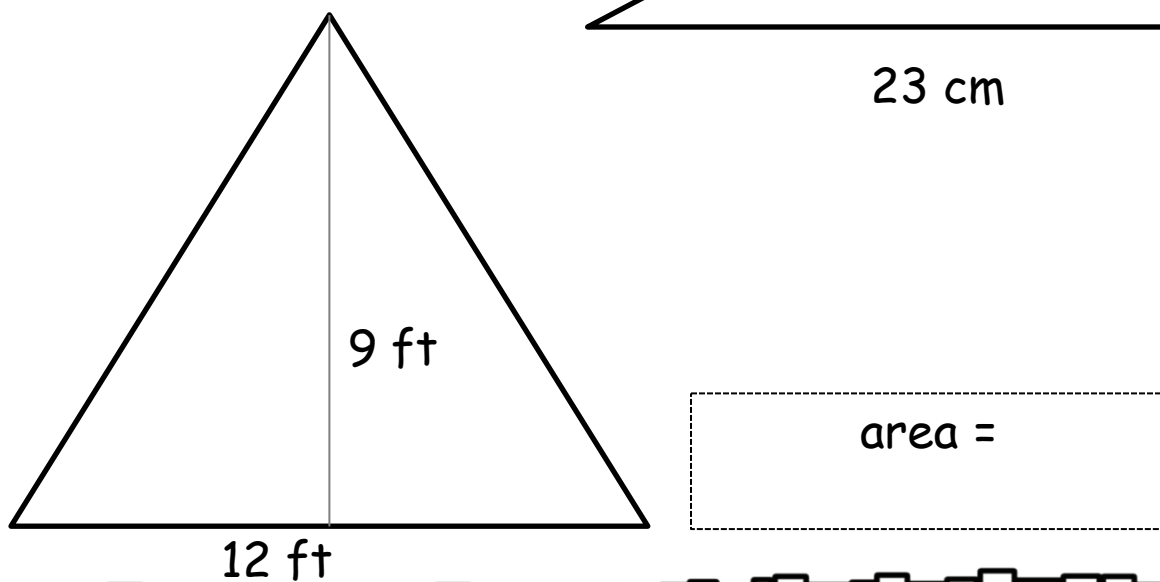
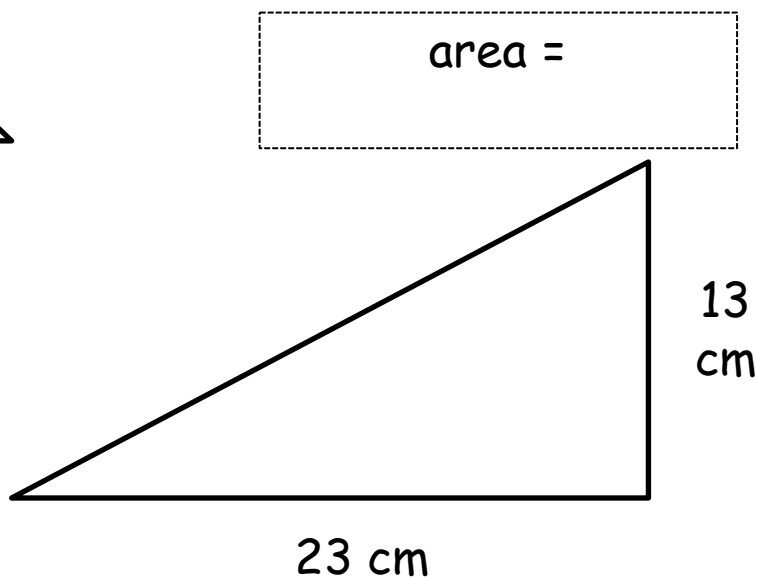
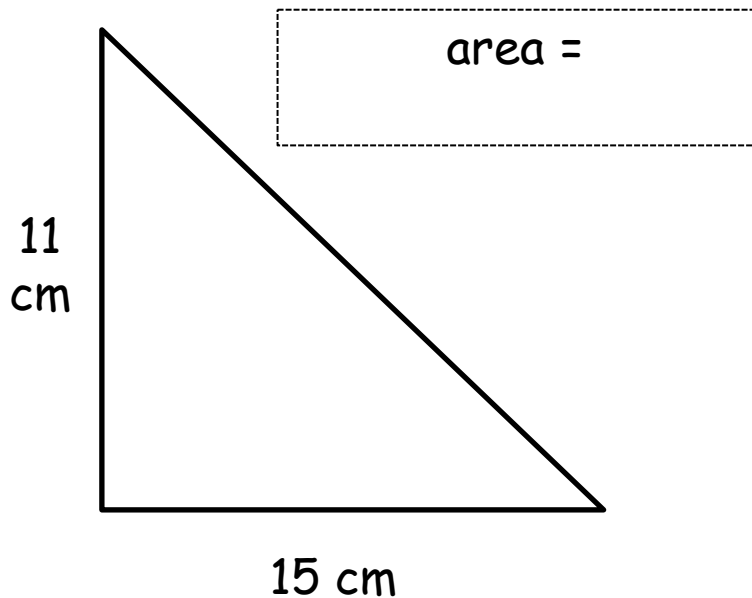
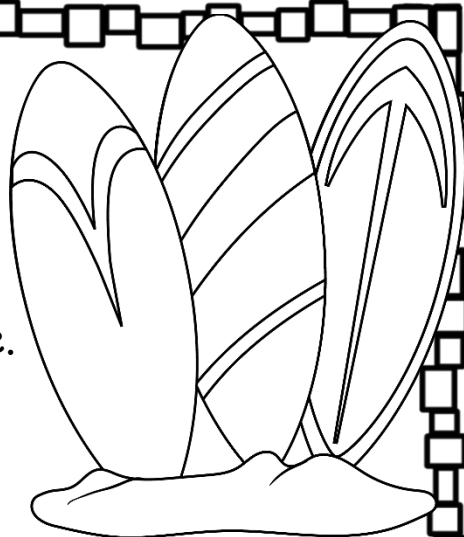
The area is:

Name: _____

Finding Area

Directions: Determine the area of each triangle.

$$A = \frac{1}{2} \times b \times h$$





BEACH

Name: _____

Measures of Central Tendency

8, 12, 23,
12, 15

mean
median
mode
range

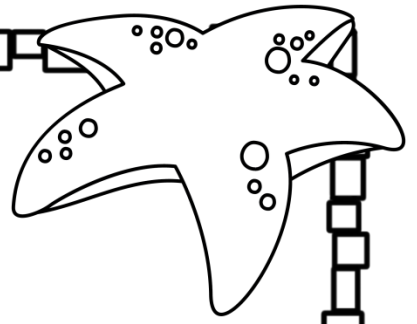
52, 61,
79, 78,
56, 79, 71

mean
median
mode
range

37, 50,
67, 83,
84, 48,
37

mean
median
mode
range

Name: _____



Dividing Multiples of 10 and 100

$36 \div 6 =$

$360 \div 6 =$

$3,600 \div 6 =$

$56 \div 7 =$

$560 \div 7 =$

$5,600 \div 7 =$

$25 \div 5 =$

$250 \div 5 =$

$2,500 \div 5 =$

$24 \div 6 =$

$240 \div 6 =$

$2,400 \div 6 =$

$81 \div 9 =$

$810 \div 9 =$

$8,100 \div 9 =$

$64 \div 8 =$

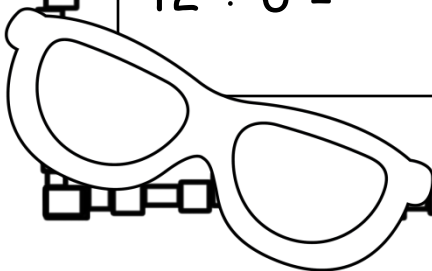
$640 \div 8 =$

$6,400 \div 8 =$

$42 \div 6 =$

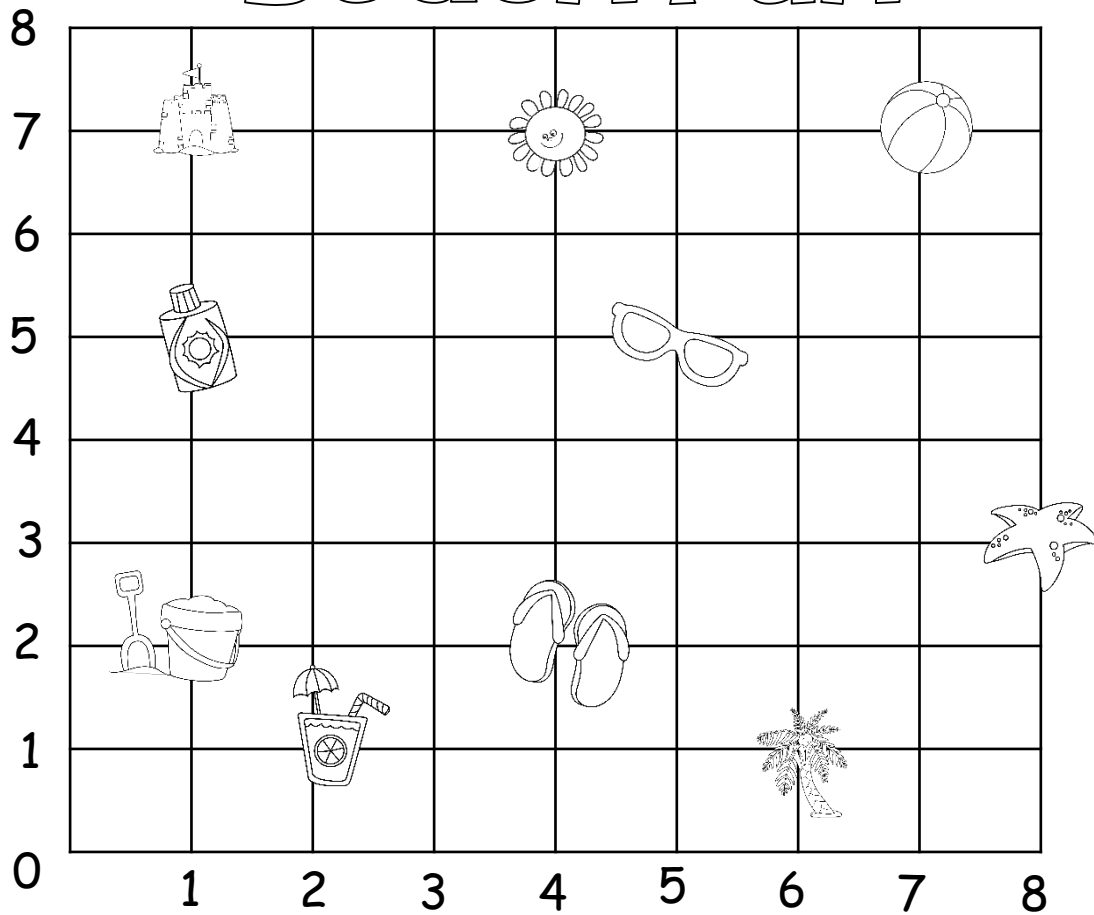
$420 \div 6 =$

$4,200 \div 6 =$




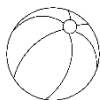
Ordered Pairs


Beach Fun





Identify the location of each picture by writing the ordered pair.


1.  = (____, ____)


2.  = (____, ____)


3.  = (____, ____)


4.  = (____, ____)


5.  = (____, ____)

6.  = (____, ____)

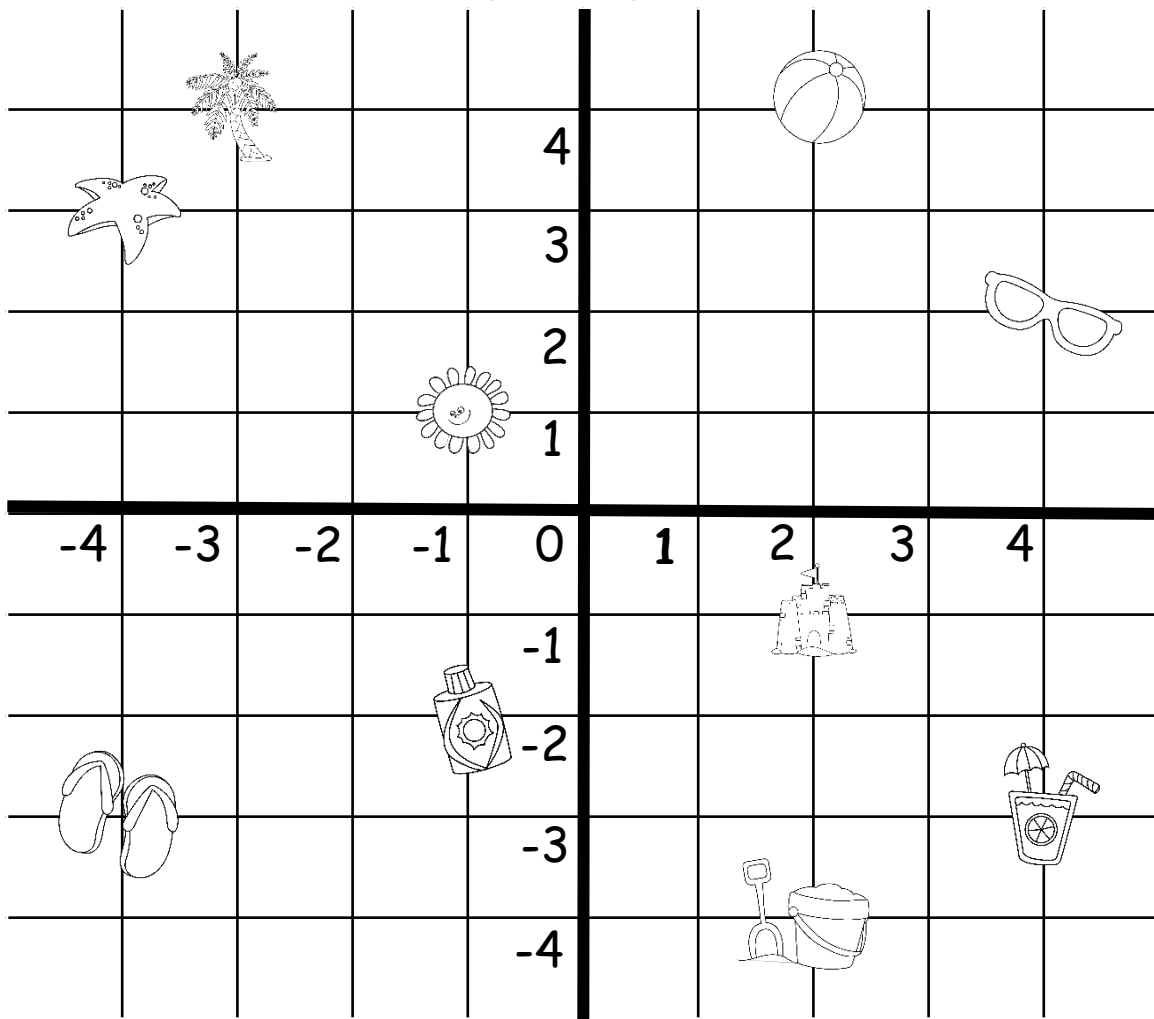
7.  = (____, ____)

8.  = (____, ____)


9.  = (____, ____)

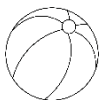
10.  = (____, ____)


Ordered Pairs




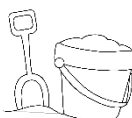
Identify the location of each picture by writing the ordered pair.


1.  = (____, ____)


2.  = (____, ____)


3.  = (____, ____)


4.  = (____, ____)


5.  = (____, ____)

6.  = (____, ____)

7.  = (____, ____)

8.  = (____, ____)

9.  = (____, ____)

10.  = (____, ____)

ANSWER KEY

Put a star by the proportions that are true.

$$\star \frac{8}{9} = \frac{72}{81}$$

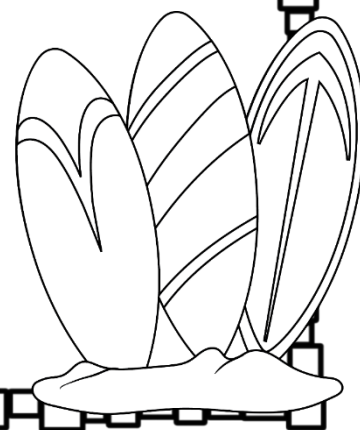
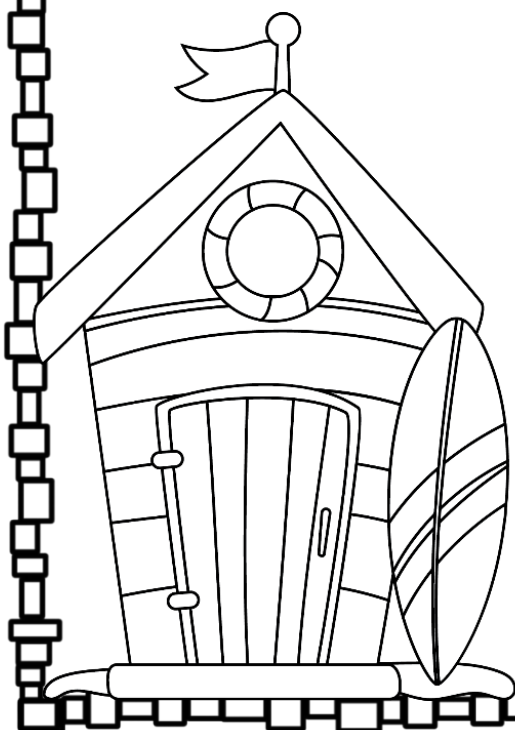
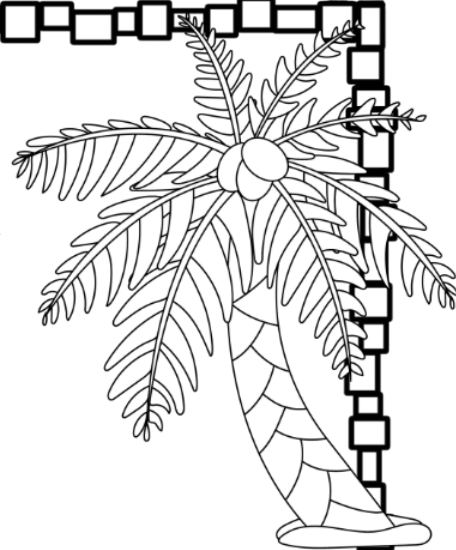
$$\frac{11}{20} = \frac{20}{24}$$

$$\frac{4}{5} = \frac{12}{20}$$

$$\star \frac{8}{3} = \frac{24}{9}$$

$$\frac{1}{3} = \frac{4}{9}$$

$$\star \frac{15}{25} = \frac{3}{5}$$



ANSWER KEY

Unit Rate Problems

A fruit box subscription is \$105 for one year. What is the price per month?

\$8.75

A box of granola bars is \$3.44. The box has 8 bars. How much does each granola bar cost?

43¢

Our class is going on a field trip. Our class had to pay \$243.60 for all 28 of us to go. What is the cost per student?

\$8.70

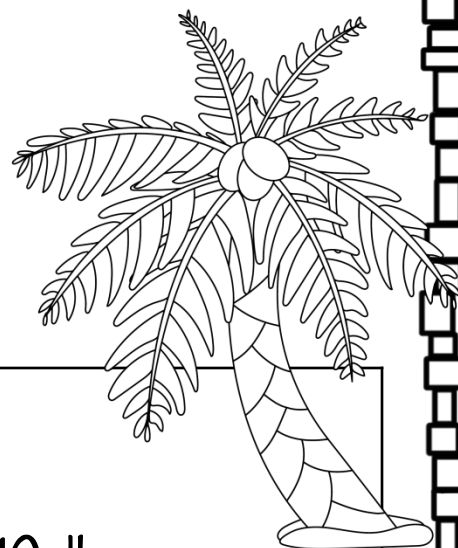
We bought a pack of drinks for \$8.28. There were 12 in the box. What is the cost per drink?

69¢

ANSWER KEY

Unit Rate Problems

Directions: Solve each problem.

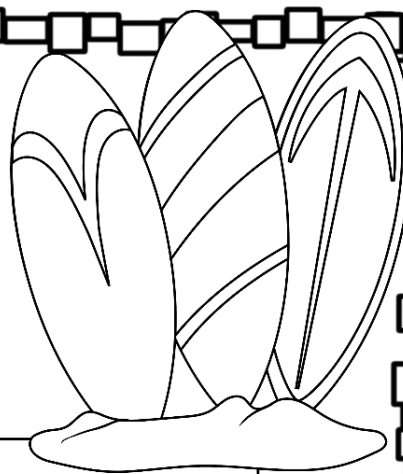


We are buying apples for the school picnic. Five of the boxes weighed 150 pounds total. How many did 7 boxes weigh?	210 lbs
A candy store sells 50 pieces of gum for every 40 pieces of taffy. The store sold 250 pieces of gum yesterday. How many pieces of taffy did they sell?	200 pieces of taffy
On a map of our city, each inch represents 10 miles. What is the length of a road that is 4 inches long on the map?	40 miles
There are 32 granola bars in 4 boxes of granola bars. How many granola bars are there in 7 boxes?	56 granola bars

ANSWER KEY

Finding Percentages

Directions: Write the equivalent fraction for each percent.

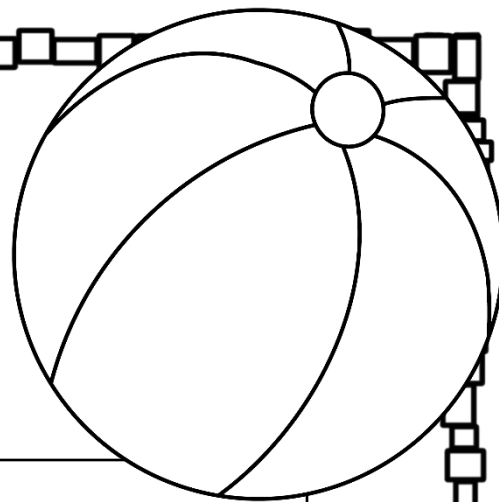


25%	$\frac{1}{4}$
16%	$\frac{4}{25}$
36%	$\frac{7}{10}$
44%	$\frac{11}{25}$
62%	$\frac{31}{50}$
13%	$\frac{13}{100}$
90%	$\frac{1}{10}$
52%	$\frac{9}{25}$

ANSWER KEY

Finding Percentages

Directions: Write each answer in simplest form.

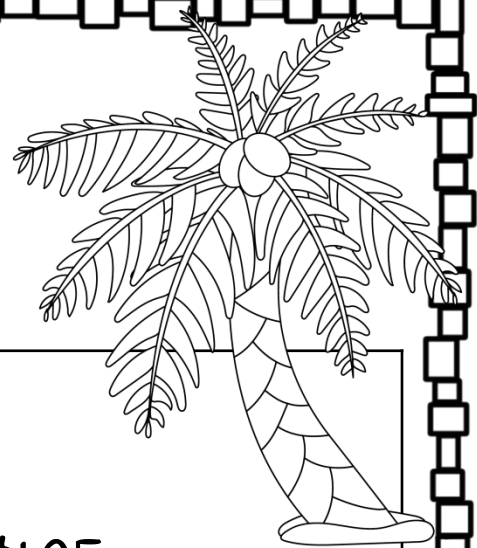


28% of 7	1.96
18% of 45	8.1
4% of 92	3.68
90% of 60	54
12% of 40	4.8
15% of 45	6.75
95% of 80	76
3 % of 25	.75

ANSWER KEY

Finding Percentages

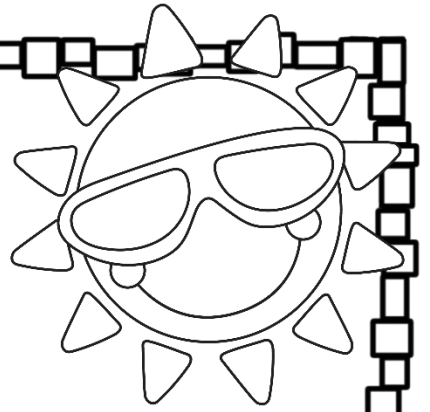
Directions: Solve each problem.



I bought a shirt that was \$15. Sales tax is 7%. What is the amount of sales tax?	\$1.05
James is saving for a new phone. It will cost \$225. The sales tax will be 6%. What is the total price I will pay after tax?	\$238.50
There are 656 students in our school. Twenty-five percent of the students are going to go to the football game. How many students are going to the football game?	164 students
My school collected 1,200 cans in the food drive. Sixty percent of the cans were vegetables and the rest were fruits. How many of each were collected?	720 vegetables 480 fruits

ANSWER KEY

Converting Measurements



Research to complete the chart.

Units of length

12 inches (in.) = 1 foot (ft.)

3 feet = 1 yard (yd.)

36 inches = 1 yard (yd.)

5,280 feet = 1 mile (mi.)

1,760 yards = 1 mile (mi.)

ANSWER KEY

Converting Measurements

Directions: Convert each unit.



$$15 \text{ yd.} = 45 \text{ ft.}$$

$$42 \text{ ft} = 14 \text{ yd.}$$

$$6 \text{ yd} = 216 \text{ in.}$$

$$144 \text{ in.} = 4 \text{ yd.}$$

$$18 \text{ in.} = 1\frac{1}{2} \text{ ft.}$$

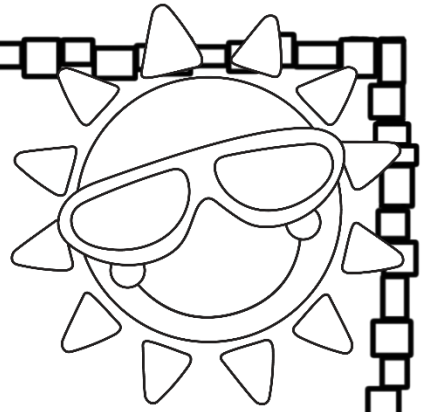
$$12 \text{ yd.} = 36 \text{ ft.}$$

$$2 \text{ yd. } 9 \text{ in.} = 81 \text{ in.}$$

$$7 \text{ yd. } 2 \text{ ft.} = 276 \text{ in.}$$

ANSWER KEY

Converting Measurements



Research the metric units of weight to complete the chart.

Units of Weight

$$1 \text{ g} = \underline{\hspace{1cm}}1,000\underline{\hspace{1cm}} \text{ mg}$$

$$\underline{\hspace{1cm}}1\underline{\hspace{1cm}} \text{ kg} = 1,000 \text{ g}$$

$$1 \text{ mg} = \underline{\hspace{1cm}}.001\underline{\hspace{1cm}} \text{ g}$$

$$\underline{\hspace{1cm}}1\underline{\hspace{1cm}} \text{ g} = .0001 \text{ kg}$$

ANSWER KEY

Converting Measurements

Directions: Convert each unit.



$$73 \text{ mg} = \underline{\underline{36}} \text{ g}$$

$$3.66 \text{ kg} = \underline{\underline{3,669}} \text{ g}$$

$$900 \text{ g} = \underline{\underline{.9}} \text{ kg}$$

$$0.83 \text{ g} = \underline{\underline{830}} \text{ mg}$$

$$5,000 \text{ g} = \underline{\underline{5}} \text{ kg}$$

$$1.6 \text{ kg} = \underline{\underline{1,600}} \text{ g}$$

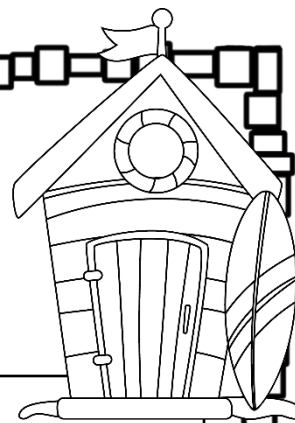
$$300 \text{ mg} = \underline{\underline{.3}} \text{ g}$$

$$297 \text{ g} = \underline{\underline{.297}} \text{ kg}$$

ANSWER KEY

Dividing Numbers

Directions: Write the answer to each problem.
You might need to rewrite the problem first.



$$768 \div 24 =$$

32

$$84 \div 12 =$$

7

$$615 \div 23 =$$

$26 \frac{17}{23}$

$$913 \div 31 =$$

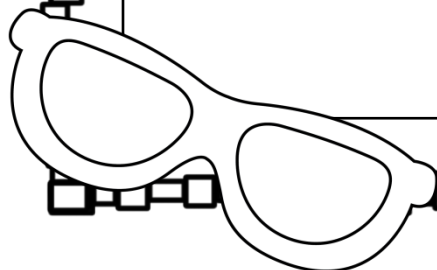
$29 \frac{14}{31}$

$$529 \div 56 =$$

$9 \frac{25}{56}$

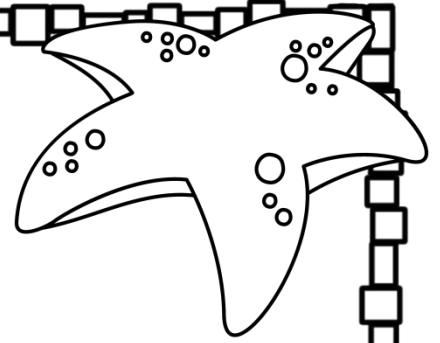
$$880 \div 45 =$$

$19 \frac{25}{45}$



ANSWER KEY

Addition of Decimals



$$\begin{array}{r} 9.484 \\ +6.312 \\ \hline 15.796 \end{array}$$

$$\begin{array}{r} 13.365 \\ +27.833 \\ \hline 41.198 \end{array}$$

$$\begin{array}{r} 4.728 \\ +6.8423 \\ \hline 11.5703 \end{array}$$

$$\begin{array}{r} 24.456 \\ +24.842 \\ \hline 49.298 \end{array}$$

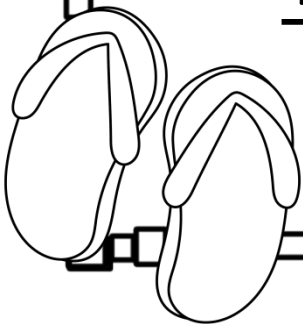
$$\begin{array}{r} 39.755 \\ +24.757 \\ \hline 64.512 \end{array}$$

$$\begin{array}{r} 472.220 \\ +244.259 \\ \hline 716.479 \end{array}$$

$$\begin{array}{r} 3.7 \\ 7.2 \\ +1.8 \\ \hline 12.7 \end{array}$$

$$\begin{array}{r} 68.8 \\ 67.9 \\ +24.5 \\ \hline 161.2 \end{array}$$

$$\begin{array}{r} 32.03 \\ 37.76 \\ +81.82 \\ \hline 151.61 \end{array}$$



ANSWER KEY

Subtraction of Decimals



$$\begin{array}{r} 8.488 \\ -6.392 \\ \hline 2.096 \end{array}$$

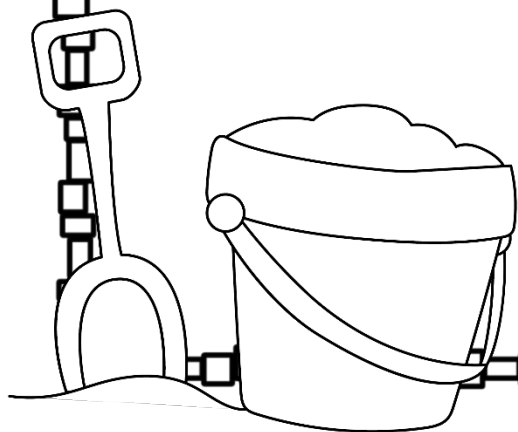
$$\begin{array}{r} 63.364 \\ -27.818 \\ \hline 35.546 \end{array}$$

$$\begin{array}{r} 28.157 \\ -12.842 \\ \hline 15.315 \end{array}$$

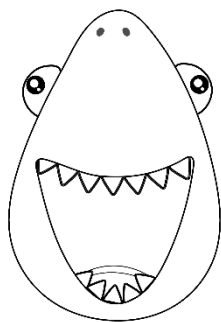
$$\begin{array}{r} 35.285 \\ -24.088 \\ \hline 11.197 \end{array}$$

$$\begin{array}{r} 42.278 \\ -18.756 \\ \hline 23.522 \end{array}$$

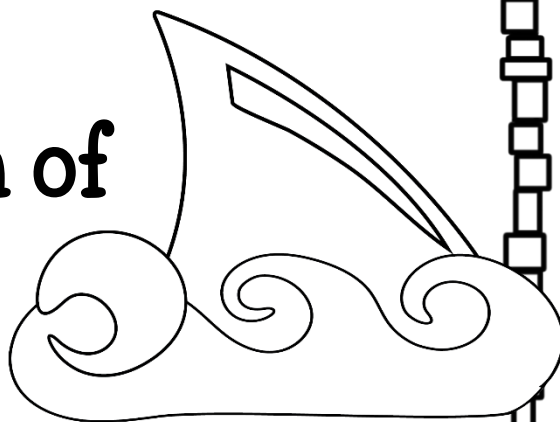
$$\begin{array}{r} 382.870 \\ -154.258 \\ \hline 228.612 \end{array}$$



ANSWER KEY



Multiplication of Decimals



$$\begin{array}{r} 0.82 \\ \times \quad 7 \\ \hline 5.74 \end{array}$$

$$\begin{array}{r} 0.09 \\ \times \quad 0.6 \\ \hline .054 \end{array}$$

$$\begin{array}{r} 0.325 \\ \times \quad 0.4 \\ \hline .13 \end{array}$$

$$\begin{array}{r} 0.73 \\ \times \quad 4.2 \\ \hline 3.066 \end{array}$$

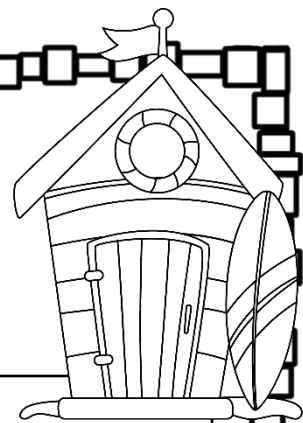
$$\begin{array}{r} 84.1 \\ \times \quad 0.74 \\ \hline 62.234 \end{array}$$

$$\begin{array}{r} 0.35 \\ \times \quad 18 \\ \hline 6.3 \end{array}$$

ANSWER KEY

Division of Decimals

Directions: Write the answer to each problem.
You might need to rewrite the problem first.



$$1.68 \div 0.03 =$$

56

$$2.16 \div .06 =$$

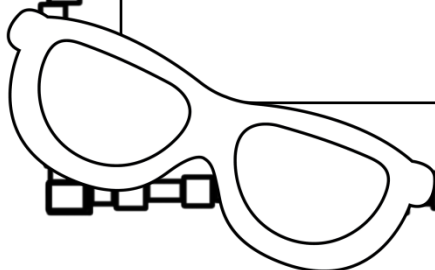
.1296

$$27.12 \div 0.06 =$$

1.6272

$$0.027 \div 0.3 =$$

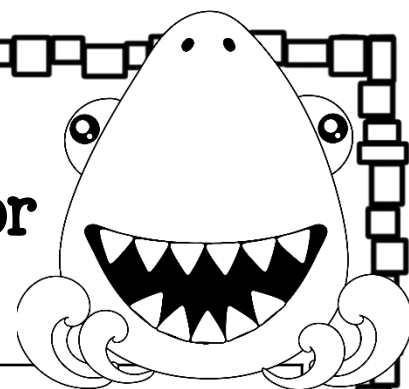
.0081



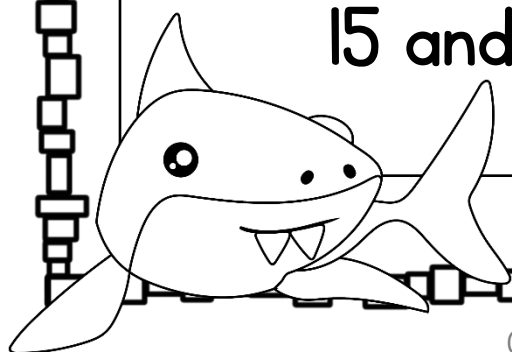
ANSWER KEY

Greatest Common Factor

Directions: Find the GCF for each set of numbers.



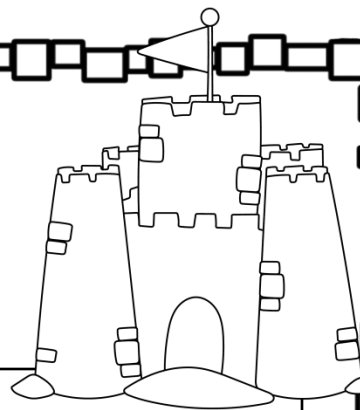
32 and 40	8
5 and 12	1
16 and 12	4
24 and 15	3
6 and 4	2
18 and 6	6
15 and 45	15



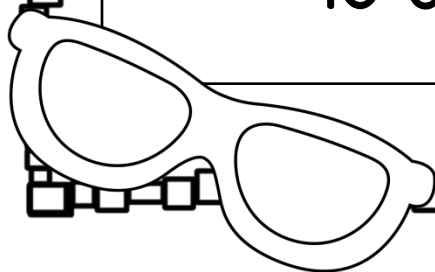
ANSWERKEY

Multiples

Directions: List the Least Common Multiple.

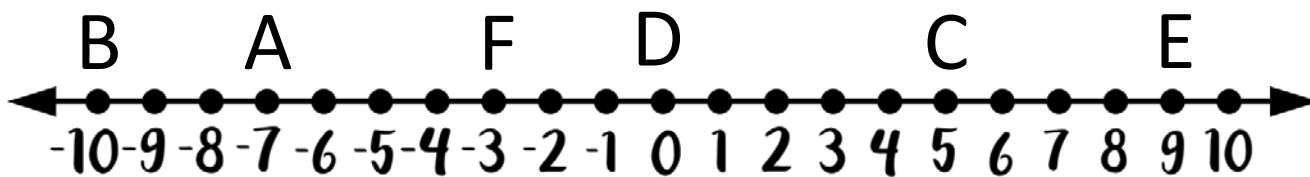
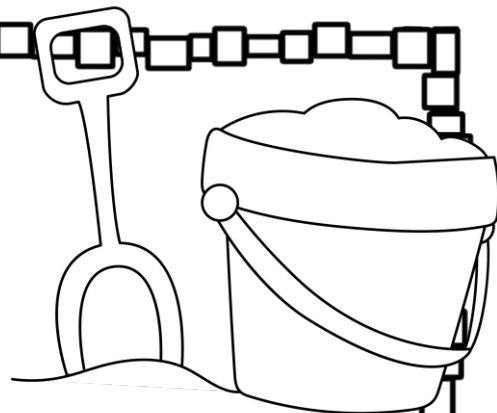


9 and 3	9
6 and 9	18
12 and 8	24
7 and 5	35
15 and 9	45
12 and 18	36
10 and 6	30



ANSWER KEY

Positive and Negative Integers



Directions: Use integers to name each point on the number line.

A -7

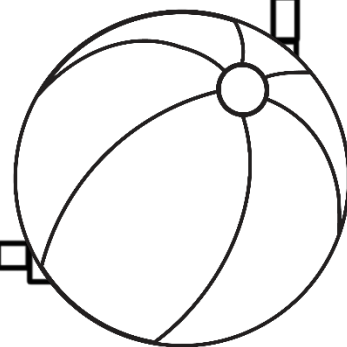
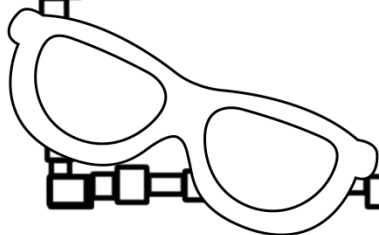
B -10

C 5

D 0

E 9

F -3



ANSWERKEY

Use $>$, $<$ or $=$

Directions: Compare each set of numbers.
Use the correct sign.



2	$>$	-2
---	-----	----

3	$<$	7
---	-----	---

-7	$<$	12
----	-----	----

6	$>$	-4
---	-----	----

8	$>$	-10
---	-----	-----

-5	$>$	-6
----	-----	----

9	$>$	6
---	-----	---

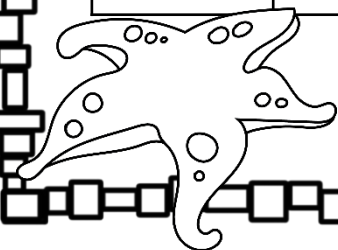
-12	$<$	-1
-----	-----	----

2	$>$	-2
---	-----	----

-12	$<$	-10
-----	-----	-----

0	$>$	-4
---	-----	----

13	$>$	-13
----	-----	-----





ANSWER KEY

Add or Subtract

$$9 + (-4) = 5$$

$$5 - 2 = 3$$

$$7 + (-9) - 2 =$$

$$-4 - 6 = -10$$

$$-3 + 8 = 5$$

$$8 - (-2) = 10$$

$$-4 + 7 = 3$$

$$-12 - 3 = -15$$

$$-16 + 0 = -16$$

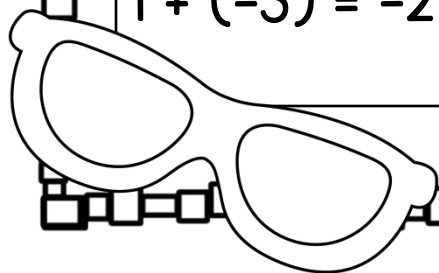
$$4 - 19 = -15$$

$$0 + (-8) = -8$$

$$-1 + 2 = 1$$

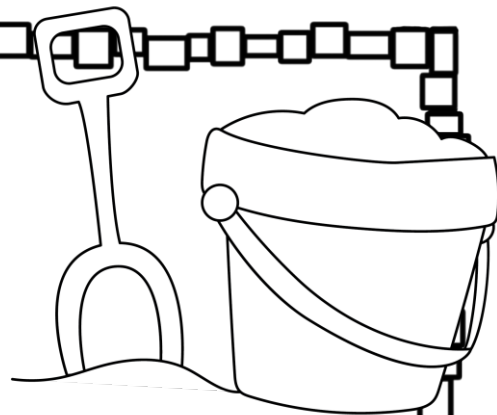
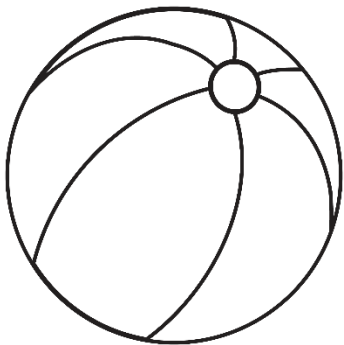
$$1 + (-3) = -2$$

$$7 + (-7) = 0$$



ANSWER KEY

Solve each equation.



$$5 \times (5 - 3) = \underline{10}$$

$$20 - 4 \times 3 = \underline{8}$$

$$(7 \times 8) - (4 \times 9) = \underline{20}$$

$$20 \div 2 \times 5 = \underline{50}$$

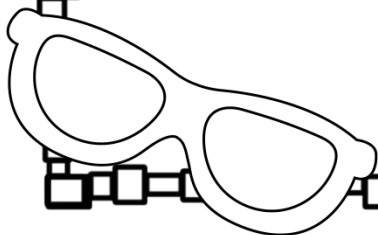
$$84 \div (8 + 6) \div 3 = \underline{2}$$

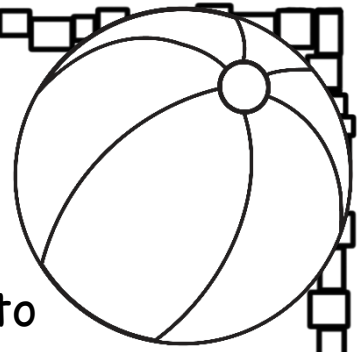
$$(2 \times 5) \times 4 = \underline{40}$$

$$(7 - 3) \times 4 = \underline{16}$$

$$16 \div (12 - 4) = \underline{2}$$

$$7 \times 3 + 2 = \underline{23}$$





ANSWER KEY

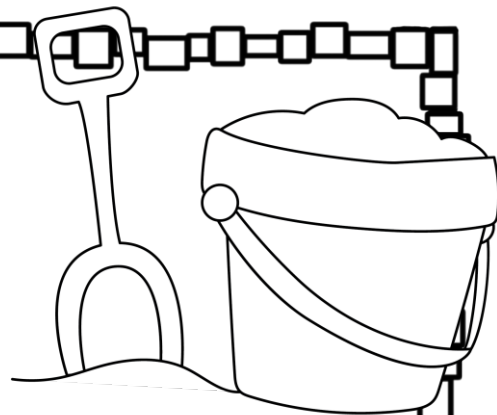
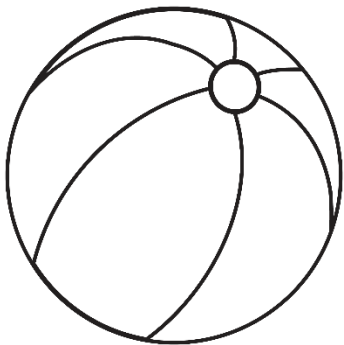
Simplifying Expressions

Directions: Use the order of operations to simplify each expression.

$(10 \times 9) \div 15$	6
$(32 \div 4) + (10 - 9)$	9
$27 - (6 \times 4)$	3
$(7 \times 8) \div 2 + 6$	34
$(42 \div 6) \times 9$	63
$(9 + 6) \times (18 - 5)$	195
$10.8 \div (5 + 4)$	1.2
$2.4 (5 \times 4.8 - 2.9)$	50.64

ANSWER KEY

Solve each equation.



$$(3 + 1)^3 = \underline{64}$$

$$3^2 + 5^2 = \underline{34}$$

$$(2 + 5)^3 = \underline{343}$$

$$3^2 + 2^3 = \underline{72}$$

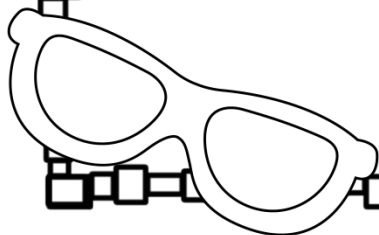
$$(4 + 2)^2 = \underline{36}$$

$$(7 - 1)^3 = \underline{216}$$

$$2^4 - 10 = \underline{216}$$

$$2^2 + 4^2 = \underline{48}$$

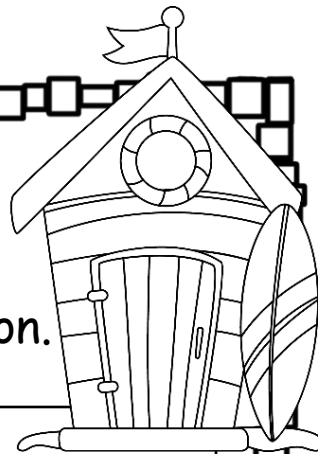
$$(2 + 2)^3 - 3 = \underline{61}$$



ANSWER KEY

Writing Equations

Directions: Rewrite each sentence as an equation.



Three times a number is 18.

$$3 \times n = 18$$

Sixty less than a number is 32.

$$t - 60 = 32$$

Four times a number is 36.

$$4 \times n = 36$$

Sixteen divided by a number 4.

$$16 \div r = 4$$

The product of 6 and a number is 72.

$$6 \times w = 36$$

Nine times a number is 81.

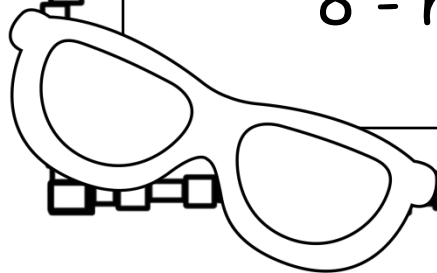
$$9 \times k = 81$$

Eight decreased by a number is 2.

$$8 - n = 2$$

A number minus 8 is 17.

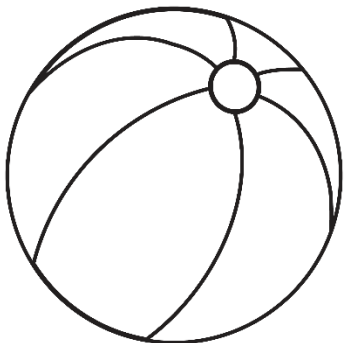
$$n - 8 = 17$$



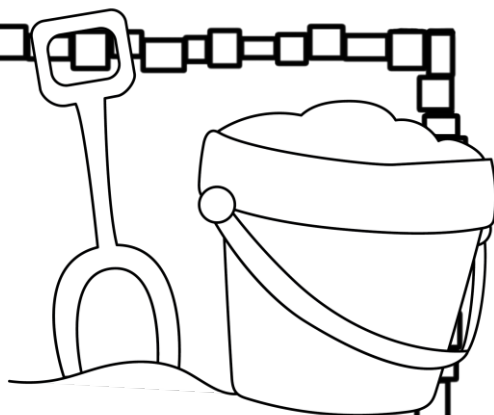
ANSWER KEY

Evaluate each expression.

$$a = 2, x = -3 \text{ and } y = -2$$



$$x(ax + ay) = \underline{30}$$

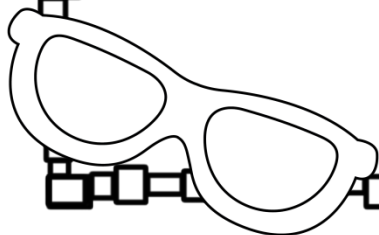


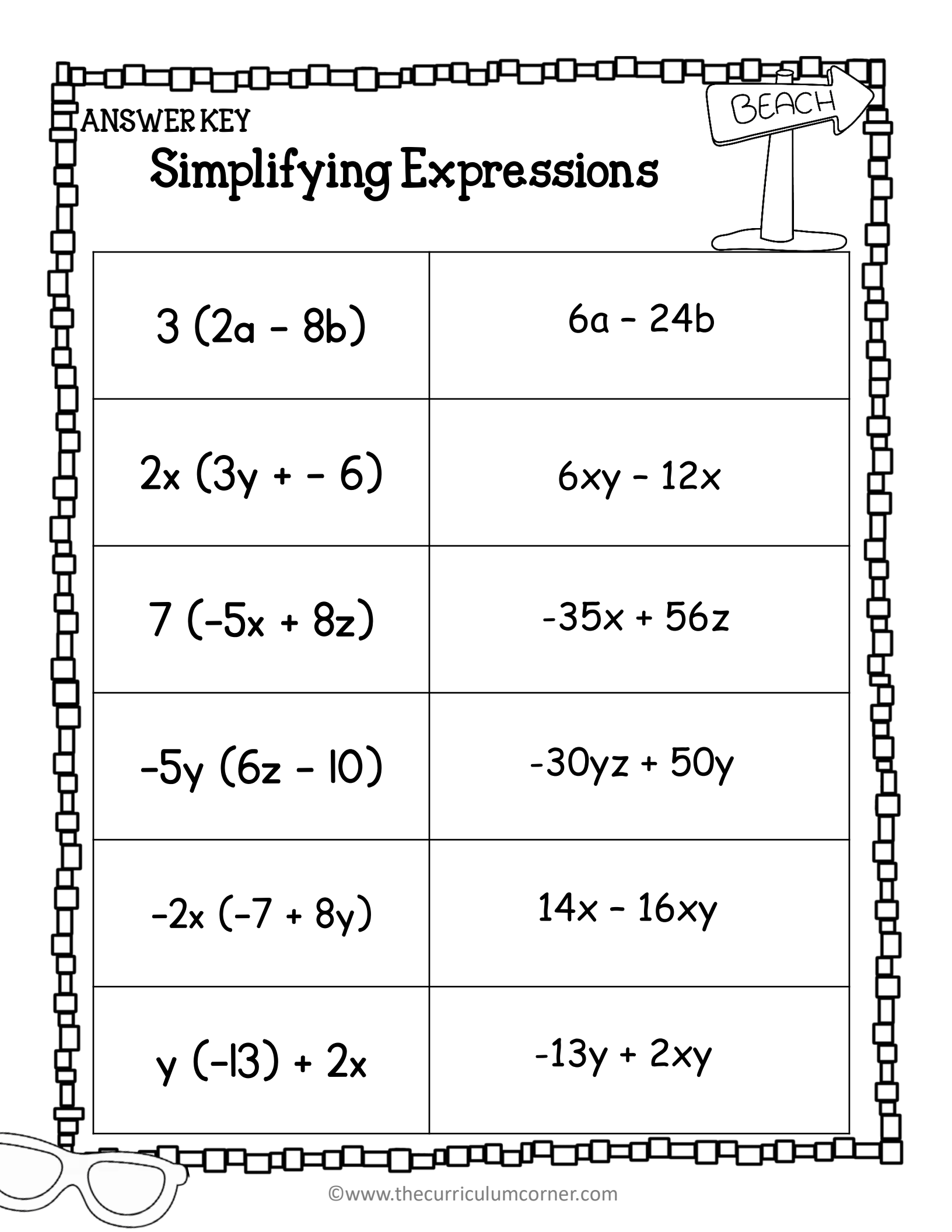
$$ay + y - 5x = \underline{9}$$

$$4x - (xy + 2) = \underline{-20}$$

$$5x(8a + -4y) + -3y = \underline{-354}$$

$$3xy - 2x(4a - 8y) = \underline{576}$$





BEACH

ANSWER KEY

Simplifying Expressions

$$3(2a - 8b)$$

$$6a - 24b$$

$$2x(3y + -6)$$

$$6xy - 12x$$

$$7(-5x + 8z)$$

$$-35x + 56z$$

$$-5y(6z - 10)$$

$$-30yz + 50y$$

$$-2x(-7 + 8y)$$

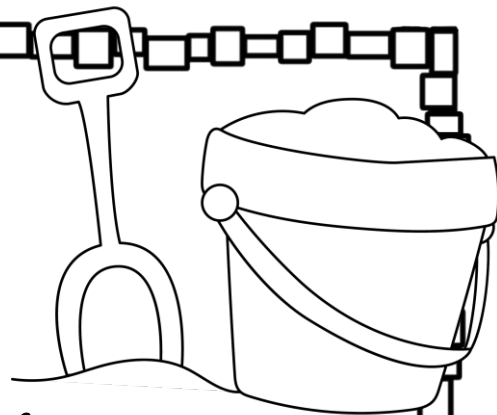
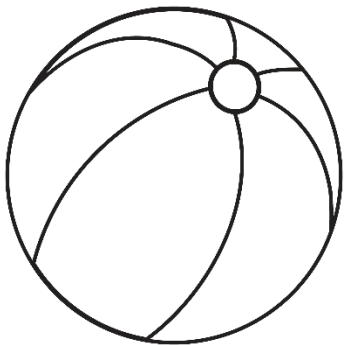
$$14x - 16xy$$

$$y(-13) + 2x$$

$$-13y + 2xy$$

ANSWER KEY

Solve each equation.



$$t + 5 = 9 \quad \underline{t=4}$$

$$b + 7 = 19 \quad \underline{b=12}$$

$$m - 5 = 5 \quad \underline{m=10}$$

$$x - 4 = 18 \quad \underline{x=22}$$

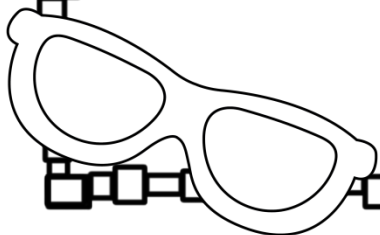
$$x + 6 = 20 \quad \underline{x=14}$$

$$n + 8 = 13 \quad \underline{n=5}$$

$$x - 2 = 8 \quad \underline{x=10}$$

$$x + 0 = 9 \quad \underline{x=9}$$

$$b + 5 = 5 = \underline{b=0}$$



ANSWER KEY

Solve each equation.

$$4 \times a = 16 \quad \underline{a=4}$$

$$b \div 5 = 15 \quad \underline{b=75}$$

$$13 \times n = 91 \quad \underline{n=7}$$

$$c \div 10 = 40 \quad \underline{c=400}$$

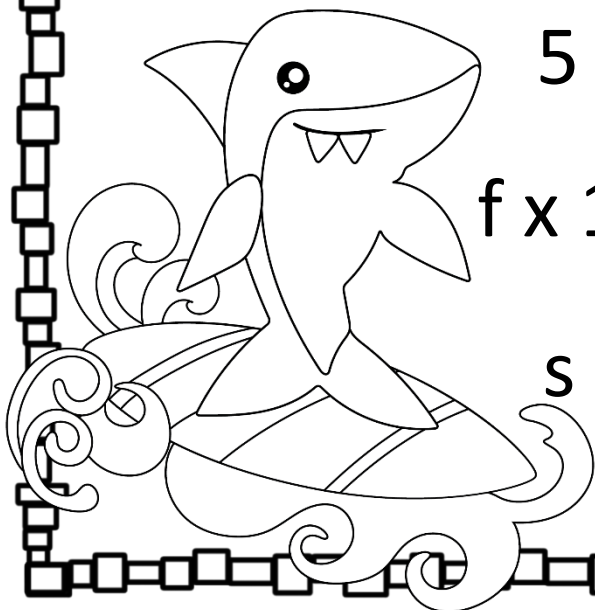
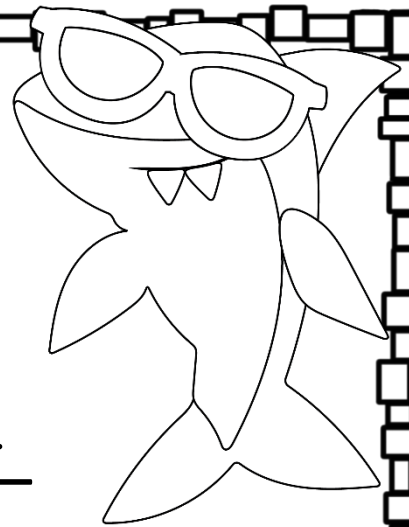
$$n \times 4 = 56 \quad \underline{n=14}$$

$$7 \times y = 91 \quad \underline{y=13}$$

$$5 \times b = 85 \quad \underline{b=17}$$

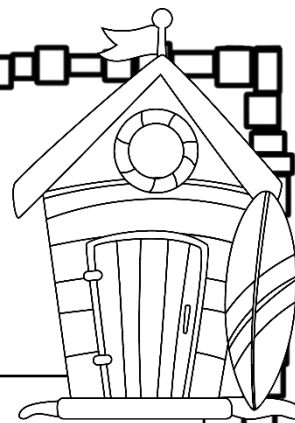
$$f \times 19 = 152 \quad \underline{f=8}$$

$$s \div 7 = 16 \quad \underline{s=112}$$



ANSWER KEY

Solving Inequalities



$$X + 5 > 8$$

$$x > 3$$

$$t - 4 < 11$$

$$t < 15$$

$$12 < m + 6$$

$$m > 6$$

$$p + 4 \leq 35$$

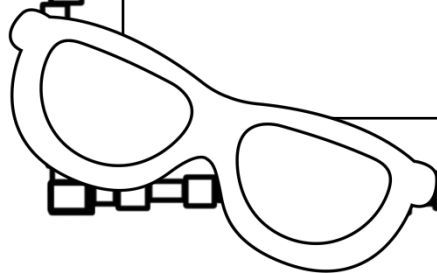
$$p \leq 31$$

$$15 > 7 + n$$

$$n < 8$$

$$x - 6 \geq 8$$

$$x \geq 14$$

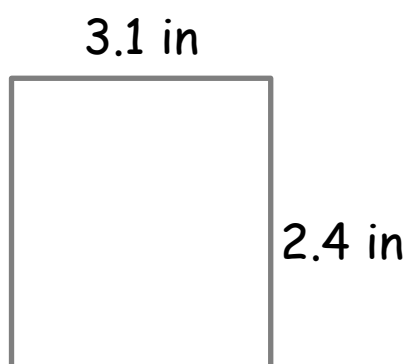




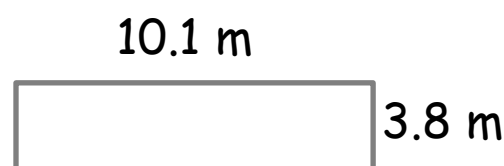
ANSWER KEY

Finding the perimeter and area.

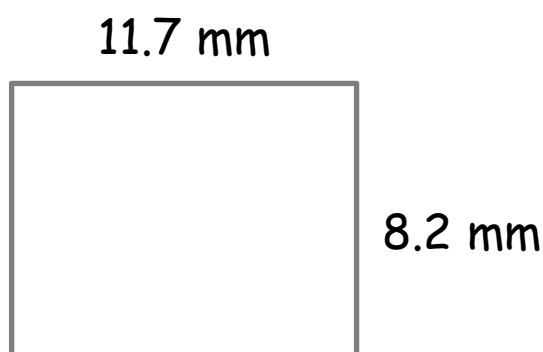
Directions: Determine the perimeter and area of each shape.



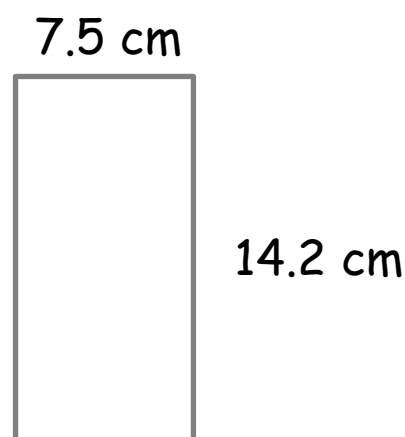
The perimeter is:
11 in
The area is:
 7.44 in^2



The perimeter is:
27.8 m
The area is:
 38.38 m^2



The perimeter is:
39.8 mm
The area is:
 95.94 mm^2



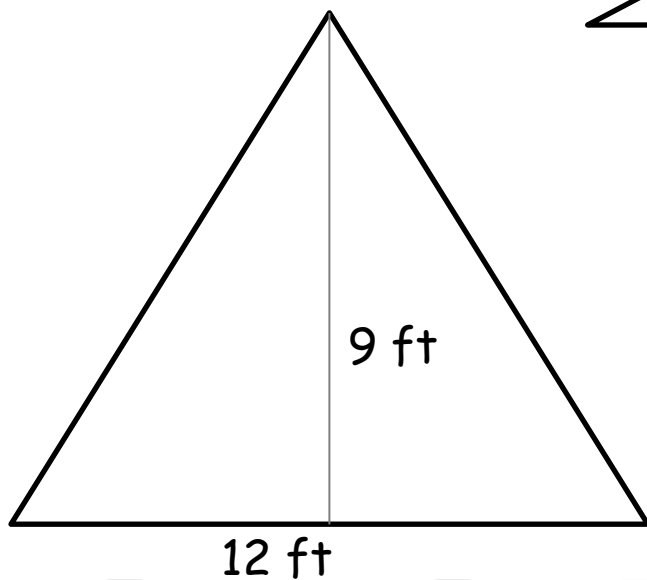
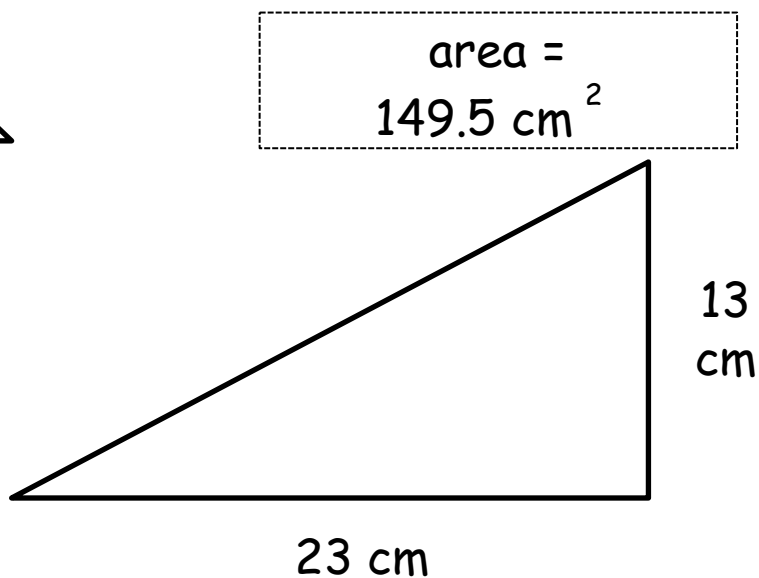
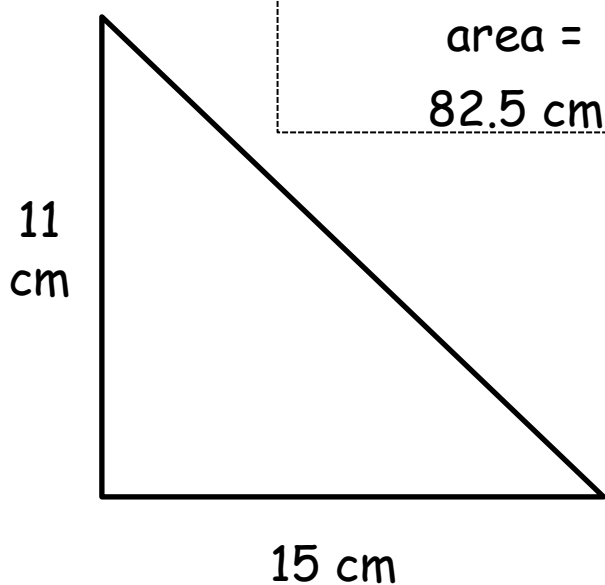
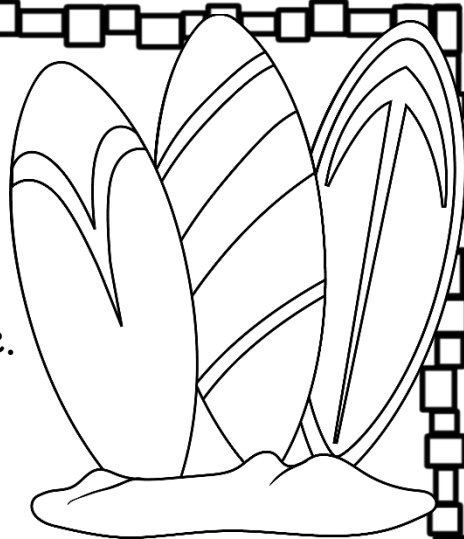
The perimeter is:
43.4 cm
The area is:
 106.5 cm^2

ANSWERKEY

Finding Area

Directions: Determine the area of each triangle.

$$A = \frac{1}{2} \times b \times h$$





BEACH

ANSWER KEY

Measures of Central Tendency

8, 12, 23,
12, 15

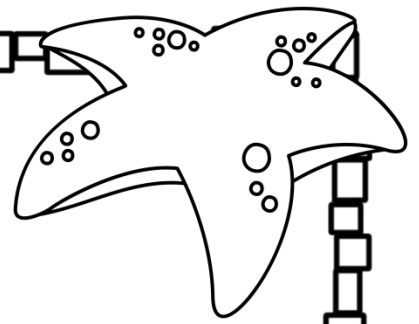
mean 14
median 12
mode 12
range 15

52, 61,
79, 78,
56, 79, 71

mean 68
median 71
mode 79
range 27

37, 50,
67, 83,
84, 48,
37

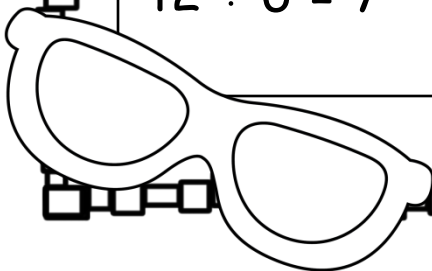
mean 58
median 50
mode 37
range 47



ANSWERKEY

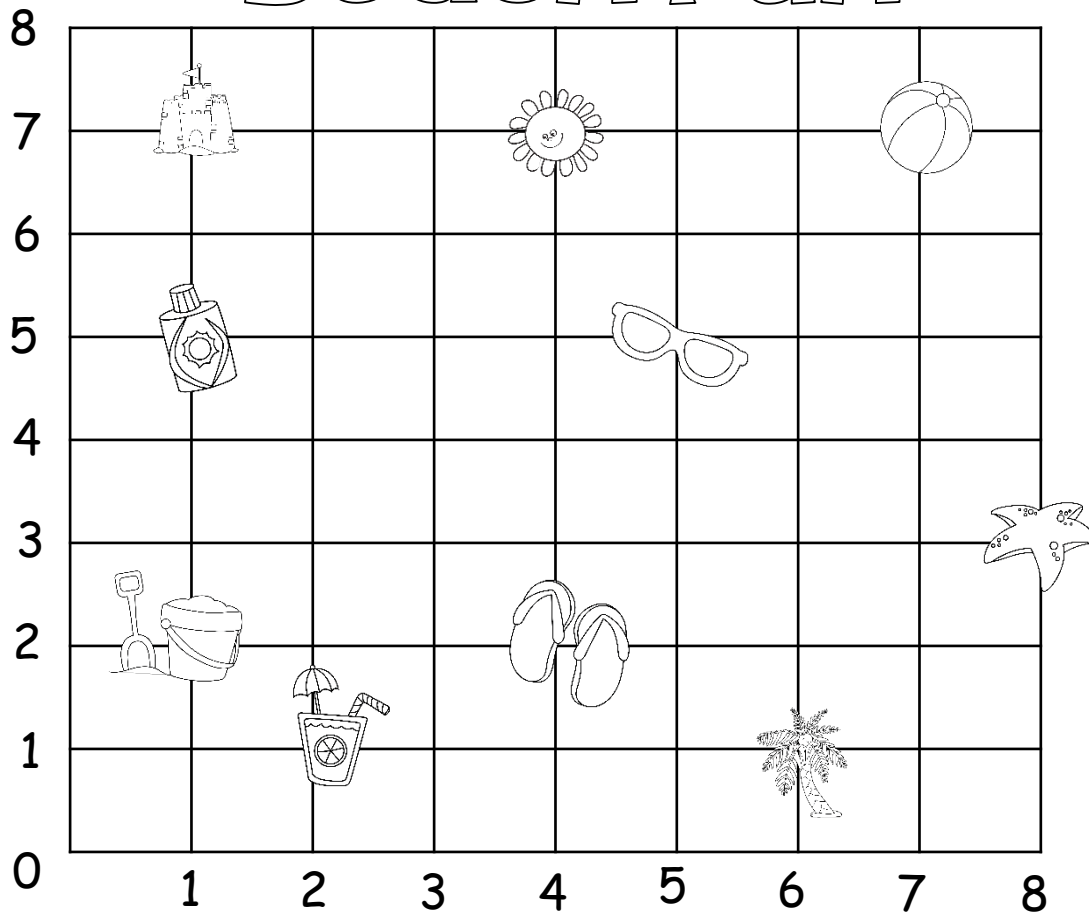
Dividing Multiples of 10 and 100

$36 \div 6 = 6$	$360 \div 6 = 60$	$3,600 \div 6 = 600$
$56 \div 7 = 8$	$560 \div 7 = 80$	$5,600 \div 7 = 800$
$25 \div 5 = 5$	$250 \div 5 = 50$	$2,500 \div 5 = 500$
$24 \div 6 = 4$	$240 \div 6 = 40$	$2,400 \div 6 = 400$
$81 \div 9 = 9$	$810 \div 9 = 90$	$8,100 \div 9 = 900$
$64 \div 8 = 8$	$640 \div 8 = 80$	$6,400 \div 8 = 800$
$42 \div 6 = 7$	$420 \div 6 = 70$	$4,200 \div 6 = 700$




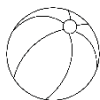
ANSWER KEY


Ordered Pairs Beach Fun





Identify the location of each picture by writing the ordered pair.


1.  = (4 , 2)


2.  = (7 , 7)


3.  = (2 , 1)


4.  = (8 , 3)


5.  = (1 , 2)

6.  = (1 , 7)

7.  = (5 , 5)

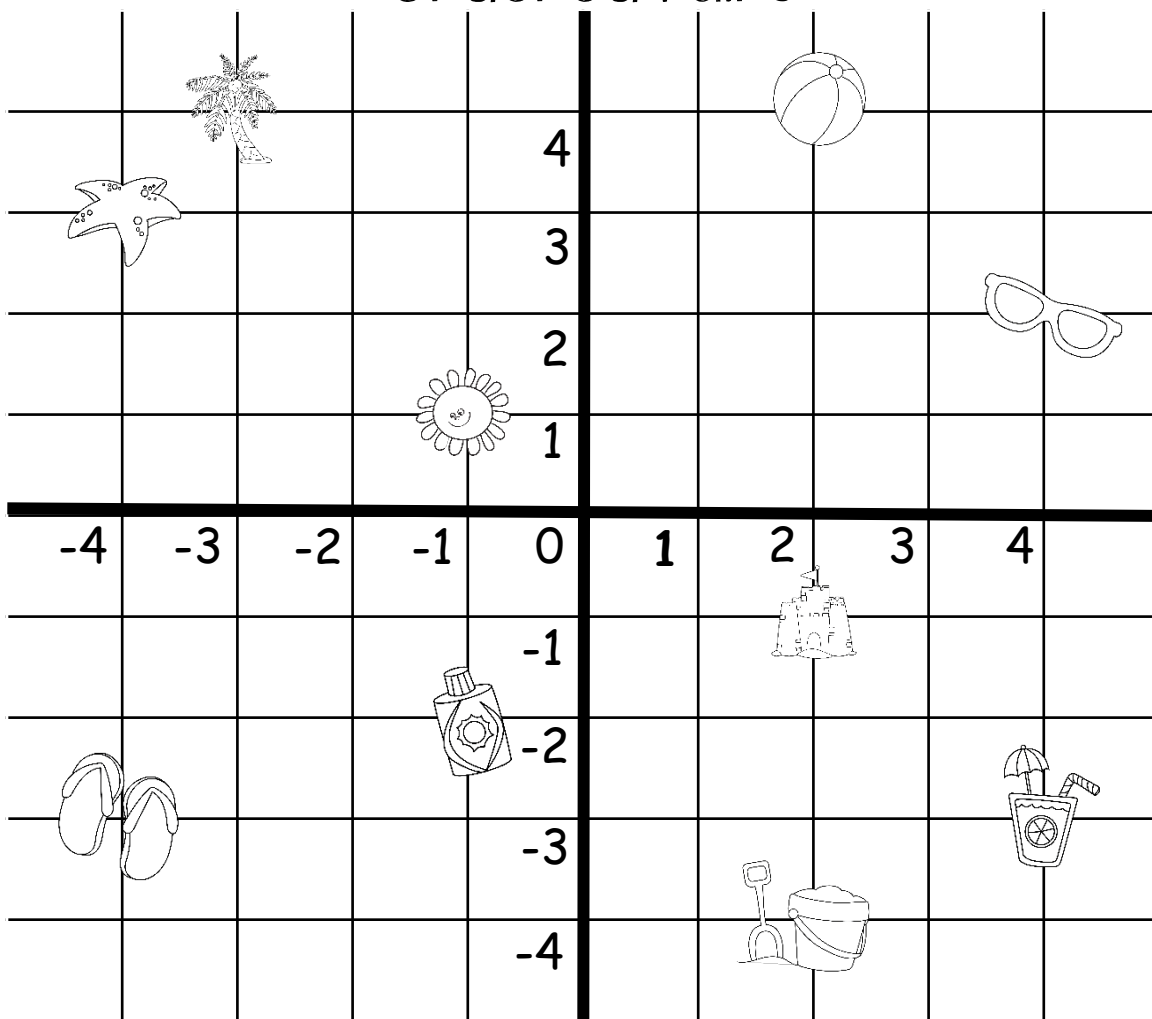
8.  = (6 , 1)

9.  = (4 , 7)


10.  = (1 , 5)

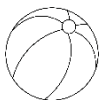
ANSWER KEY


Ordered Pairs




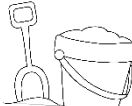
Identify the location of each picture by writing the ordered pair.


1.  = (-4, -3)


2.  = (2, 4)


3.  = (4, -3)


4.  = (-4, 3)


5.  = (2, -4)

6.  = (2, -1)

7.  = (4, 2)

8.  = (-3, 4)

9.  = (-1, 1)

10.  = (-1, -2)