# My Math Practice Book

Name: _____

Rounding Numbers

Directions: Round each number to the place of the underlined digit.
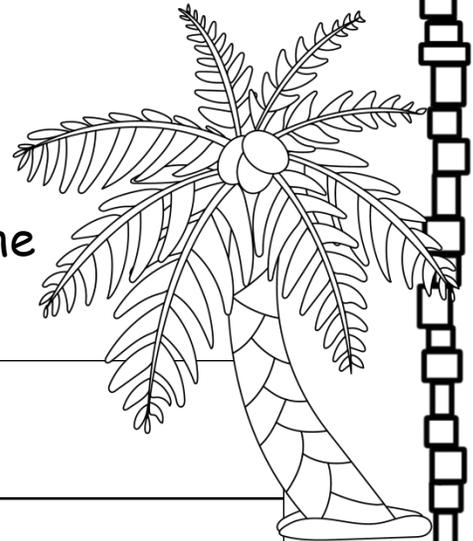
6,<u>4</u>82	
<u>8</u>,205	
48,<u>0</u>18	
32,9<u>0</u>5	
<u>5</u>1,103	
8<u>5</u>,828	
6<u>1</u>8,242	
<u>2</u>87,065	
4,927,<u>4</u>71	
165,<u>0</u>98,748	

Rounding Numbers

Directions: Round each number to the place of the underlined digit.
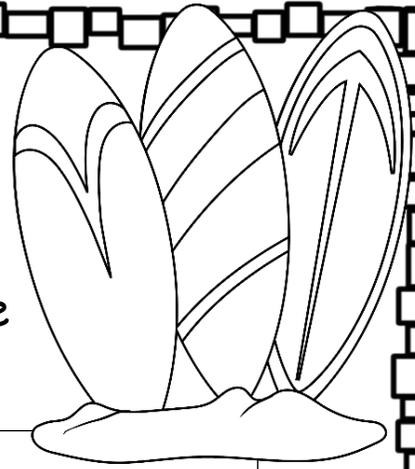
42.0<u>4</u>8	
<u>8</u>,205	
48,<u>0</u>18	
72.3<u>0</u>5	
<u>5</u>7.18	
2<u>5</u>.88	
3<u>1</u>8.46	
87,0<u>6</u>7	
8,327.<u>4</u>72	
235,075.205	

Expanded Form

BEACH →

Directions: Write each number in expanded form.

824,928	
297,390	
148,027	
2,598,184	
3,027,476	
7,198,275	

Word Form

Directions: Write each number in word form.

42,485	
20,975	
37,021	
5,298,285	
4,170,782	
7,027,169	

Beach
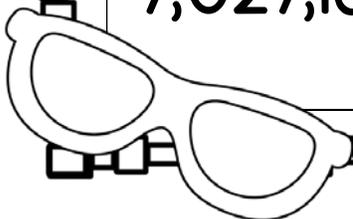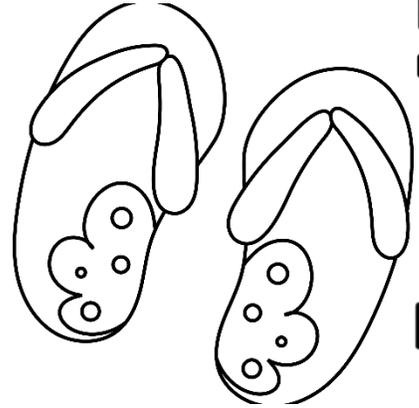
Ordering Numbers

Directions: Write the numbers in order from least to greatest.

| 4.291 | 4.295 | 4.627 | 4.023 |

| 2.779 | 2.6003 | 2.098 | 2.146 |

| 19.071 | 19.08 | 19.1 | 19.01 |

| 254.9 | 25.4 | 2,548 | 2.085 |

Use >, < or =
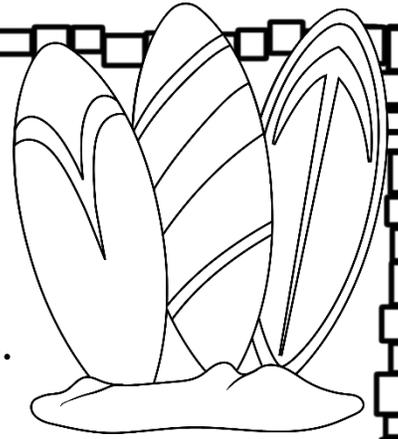
Directions: Compare each set of numbers. Use the correct sign.

3.928		3.902

5.822		8.522

6.303		6.303

3.077		3.700

24.94		29.94

60.45		40.65

30.75		30.57

1.179		1.917

71.02		71.02

12.01		12.00

85.21		80.27

16.77		17.67
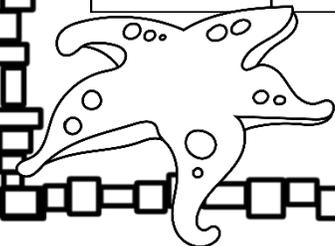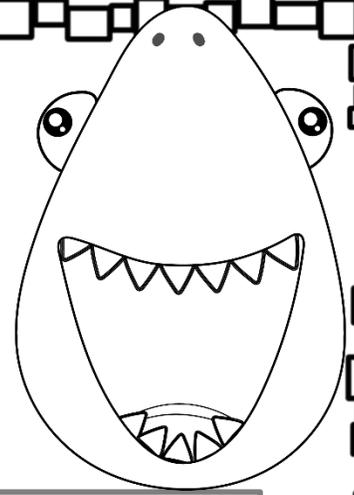
Ordering Decimals

Directions: Write the numbers in order from least to greatest.

1.36,   1.3,   1.63,   1.03

0.3,   0.13,   0.19,   0.31

6.46,   6.41,   4.06,   4.6

0.42,   3.74,   4.2,   3.47
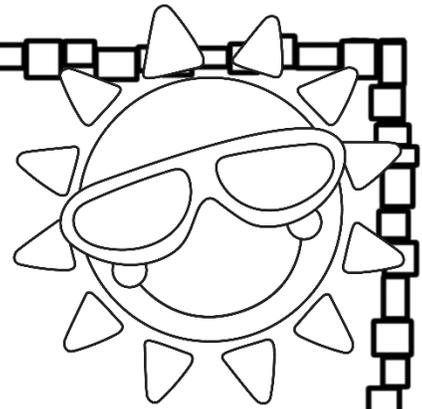
Multi-Step Word Problems
Solving word problems.

Kendra has a ten-dollar bill, a twenty-dollar bill and a five-dollar bill. She bought a shirt for $18.49. How much money does she have left?

Tyson is going to the movies. He has two five-dollar bills and a ten-dollar bill. His ticket is $7.25. He busy a popcorn for $4.50 and a drink for $3.75. How much money does he have left?

Lexie earned $20 mowing her yard and $15 mowing her neighbor's yard. She is saving money to buy a new game that costs $42.99. How much more money does she need to earn?

Name: _____

Addition & Subtraction
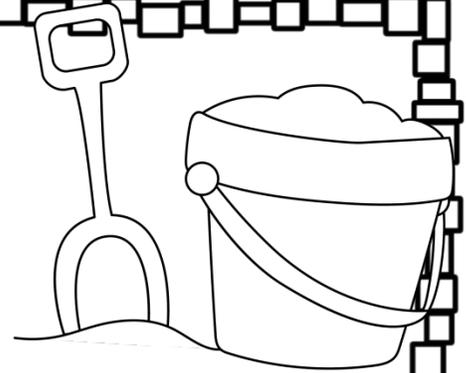
5,359	24,783	70,524
+6,326	-21,495	+46,509

68,900	64,704	758,930
-11,182	+24,756	-479.672

67	735	1,682
93	846	7,842
+62	+265	+3,275
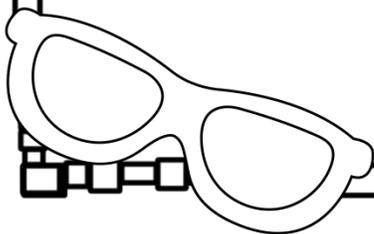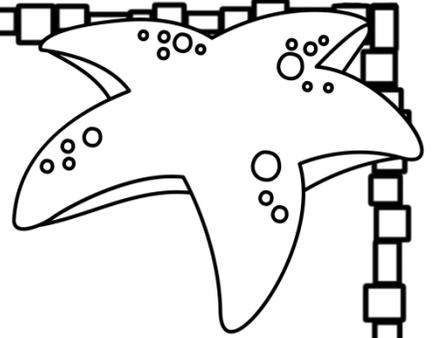
Addition & Subtraction
of Decimals

$$
\begin{array}{r}
3.486 \\
+6.322 \\
\hline
\end{array}
\qquad
\begin{array}{r}
8.365 \\
-4.835 \\
\hline
\end{array}
\qquad
\begin{array}{r}
5.703 \\
+6.843 \\
\hline
\end{array}
$$

$$
\begin{array}{r}
37.457 \\
-24.846 \\
\hline
\end{array}
\qquad
\begin{array}{r}
47.756 \\
+24.757 \\
\hline
\end{array}
\qquad
\begin{array}{r}
578.246 \\
-244.255 \\
\hline
\end{array}
$$

$$
\begin{array}{r}
2.5 \\
7.4 \\
+4.8 \\
\hline
\end{array}
\qquad
\begin{array}{r}
78.2 \\
67.9 \\
+24.4 \\
\hline
\end{array}
\qquad
\begin{array}{r}
45.07 \\
37.76 \\
+21.83 \\
\hline
\end{array}
$$
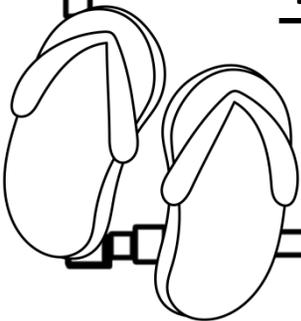
Name: _____
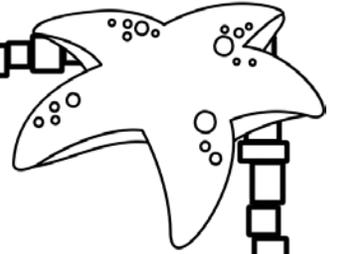
Using Mental Math to Multiply

80 x 90 =	30 x 9 =
40 x 60 =	20 x 800 =
80 x 7,000 =	20 x 600 =
50 x 800 =	60 x 300 =
70 x 400 =	1,200 x 80 =
6,000 x 500 =	4,000 x 900 =
20 x 70 x 100 =	30 x 500 x 100 =
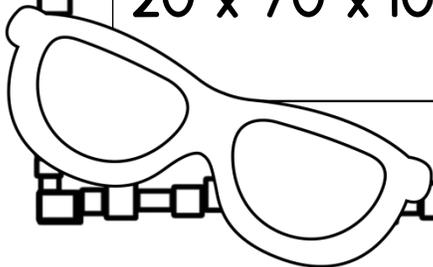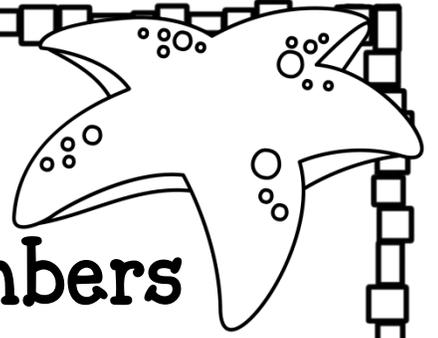
Multiplying by 1-Digit Numbers

58
X 3

71
X 8

84
X 7

63
X 9

25
X 6

34
X 7

92
X 8

43
X 6

97
X 6
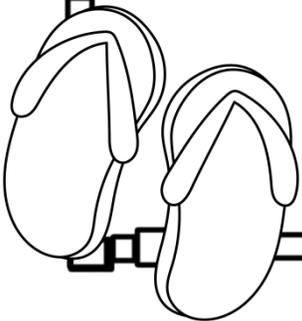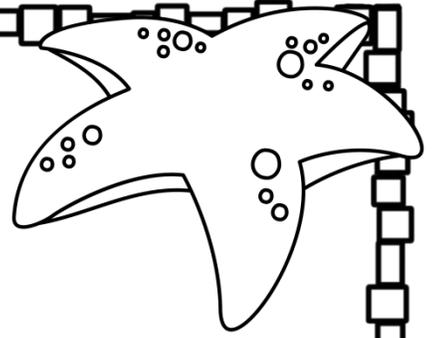
Name: _____

Multiplying Bigger Numbers

27
X 28

64
X 33

49
X 17

473
X 19

791
X 86

921
X 86

537
X 28

246
X 21

981
X 26
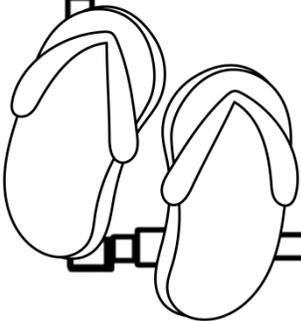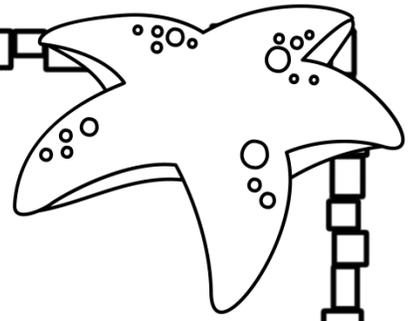
Name: _____

Dividing Multiples of 10 and 100

36 ÷ 6 =	360 ÷ 6 =	3,600 ÷ 6 =
56 ÷ 7 =	560 ÷ 7 =	5,600 ÷ 7 =
25 ÷ 5 =	250 ÷ 5 =	2,500 ÷ 5 =
24 ÷ 6 =	240 ÷ 6 =	240 ÷ 6 =
81 ÷ 9 =	810 ÷ 9 =	8,100 ÷ 9 =
64 ÷ 8 =	640 ÷ 8 =	6,400 ÷ 8 =
42 ÷ 6 =	420 ÷ 6 =	4,200 ÷ 6 =
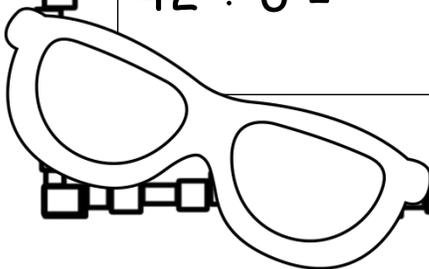
Division Practice

Directions: Write the answer to each problem.
You might need to rewrite the problem first.
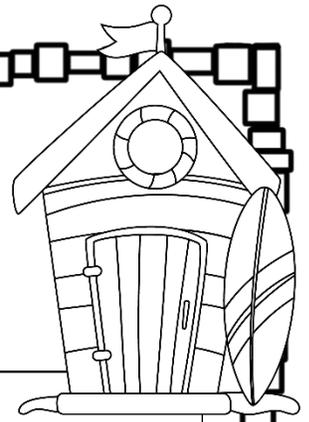
955 ÷ 8 =	249 ÷ 7 =
365 ÷ 5 =	448 ÷ 8 =
499 ÷ 2 =	396 ÷ 6 =
362 ÷ 5 =	425 ÷ 9 =
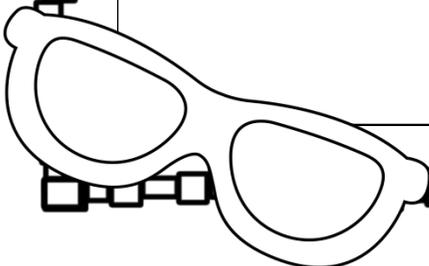
2-Digit Quotients

Directions: Write the answer to each problem.
You might need to rewrite the problem first.
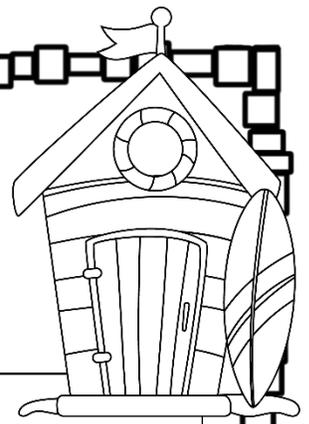
|	
413 ÷ 14 =	768 ÷ 35 =
942 ÷ 45 =	503 ÷ 26 =
401 ÷ 19 =	634 ÷ 29 =
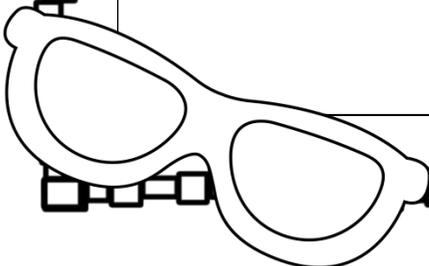
Name: _____

Multiplying Decimals by 10, 100 or 1,000
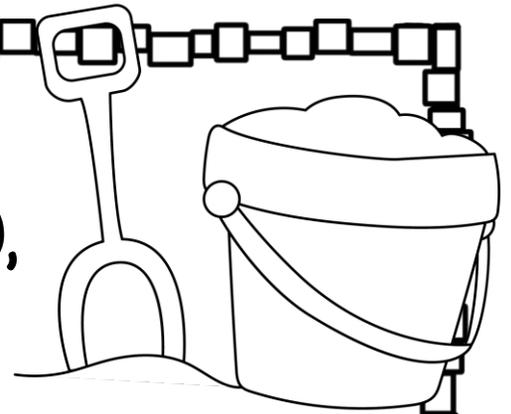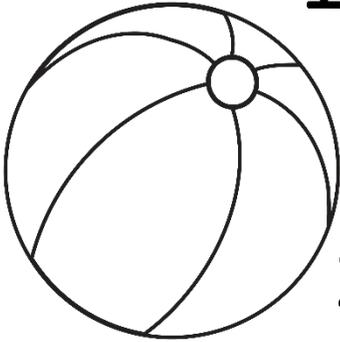
6.1 x 10 = _____

26.98 x 100 = _____

14.82 x 1,000 = _____

66.7 x 1,000 = _____

4.8 x 100 = _____

3.05 x 1,000 = _____

.002 x 100 = _____

2.06 x 100 = _____

.37 x 1,000 = _____
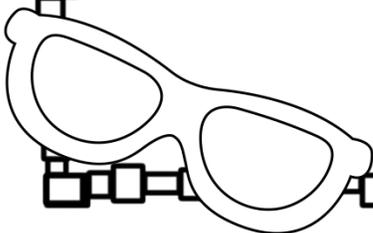
Dividing Decimals by 10, 100 or 1,000
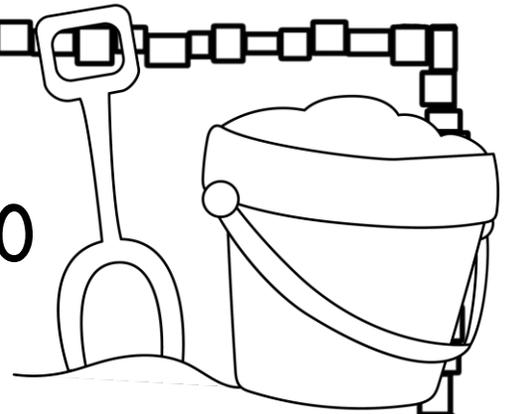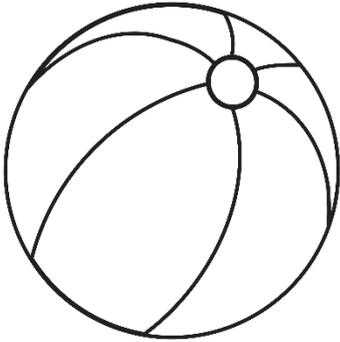
$85.6 \div 10 =$ _____

$1.99 \div 100 =$ _____

$328.54 \div 1,000 =$ _____

$942.64 \div 100 =$ _____

$0.834 \div 100 =$ _____

$1.25 \div 10 =$ _____

$.32 \div 10 =$ _____

$78.21 \div 100 =$ _____

$75.34 \div 1,000 =$ _____
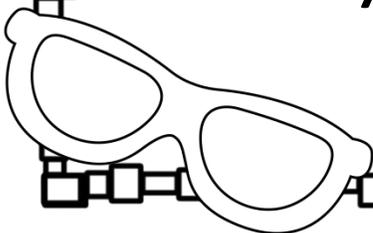
Name: _____

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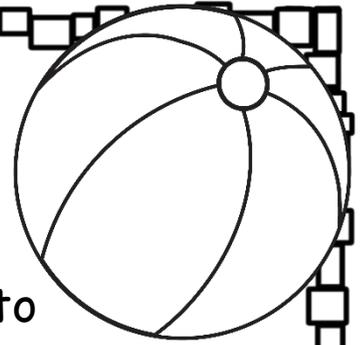
Directions: Use the order of operations to simplify each expression.

(12 x 4) ÷ 10	
(16÷4) + (10-4)	
27 x (5x3)	
(4 x 6) ÷ 6 + 6	
(36÷6) x 4	
(4+3) x (9-2)	
32 ÷ (4 + 4)	
3.6 (3 x 9.6 – 4.8)	

Name: _____
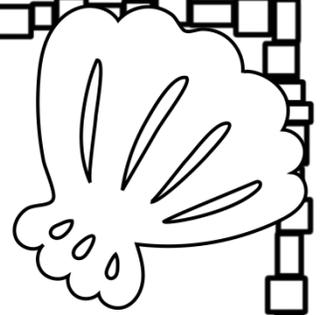
Writing Rules

<u>Directions</u>: Find the missing numbers in each table. Write a rule for each table.

Rule: _____

s	2	3	4	5
	14	21	28	

Rule: _____

r	3	8	10	16
	60	160		

Rule: _____

z	6	7	8	9
	54		72	

Rule: _____

b	64	48	32	24
	8	6		

Name: _____

Equivalent Fractions

Write an equivalent fraction for each.
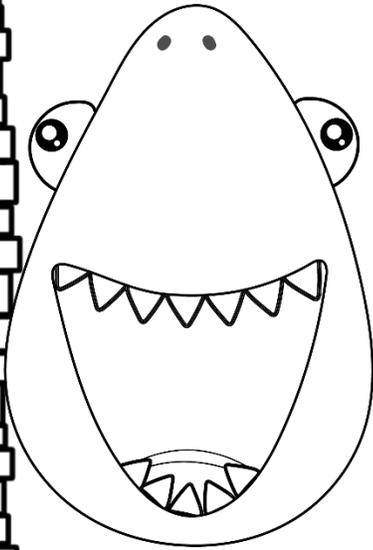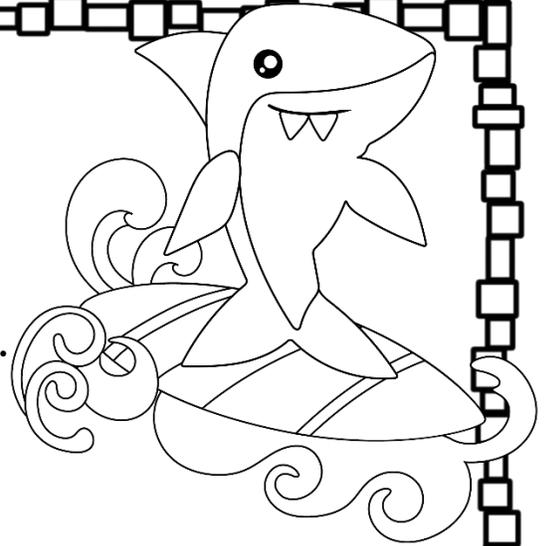
$$\frac{6}{10} =$$

$$\frac{7}{9} =$$

$$\frac{4}{6} =$$

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

$$\frac{18}{32} =$$

$$\frac{32}{48} =$$
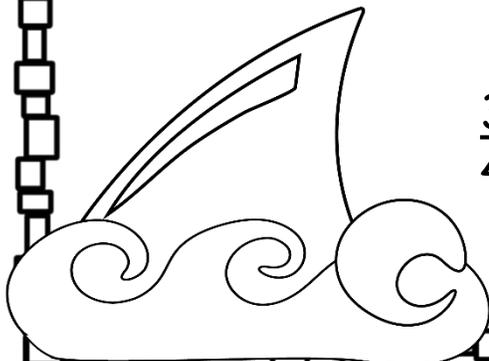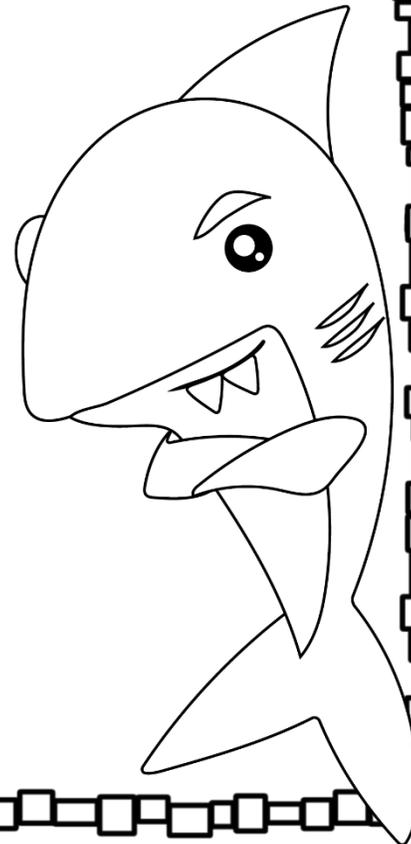
Multiples

Directions: <u>List the Least Common Multiple.</u>
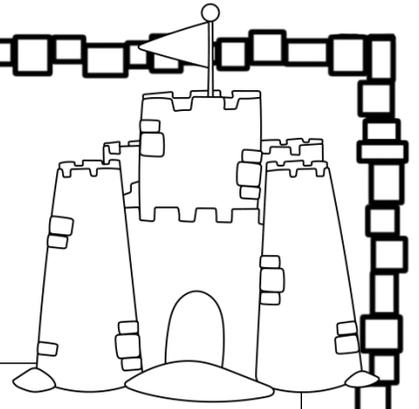
8 and 12	24
5 and 8	
6 and 7	
2 and 9	
4 and 7	
6 and 12	
7 and 10	
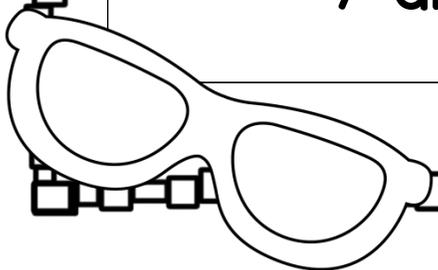
Name: _____

Factor Check
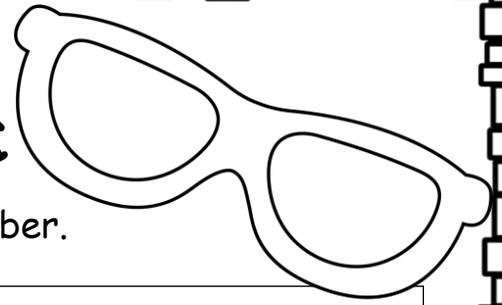
Directions: List the factors for each number.

16	1, 2, 4, 8, 16
21	
28	
32	
42	
56	
64	

Name: _____

Greatest Common Factor

<u>Directions:</u> Find the GCF for each set of numbers.
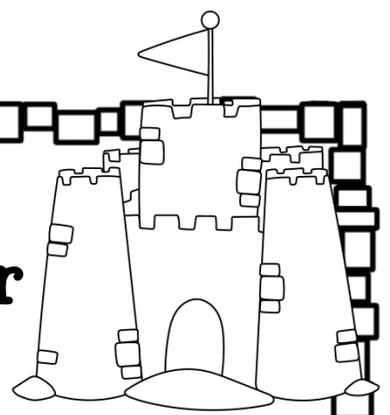
16 and 40	8
10 and 90	
4 and 20	
14 and 28	
36 and 42	
36 and 63	
18 and 30	
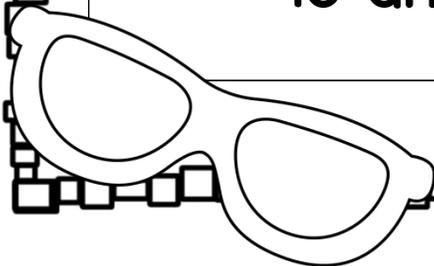
Finding Common Denominators

Find a common denominator for
each pair of fractions.
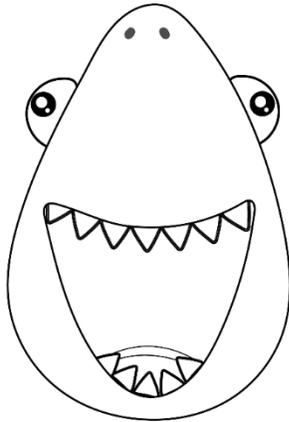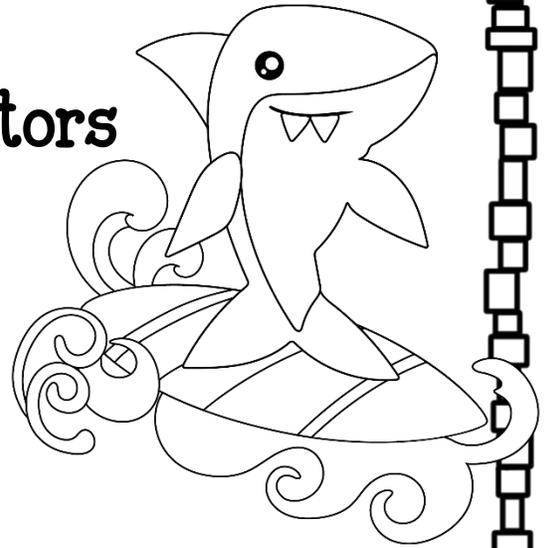
$\frac{4}{7}$ and $\frac{7}{8}$ =

$\frac{2}{9}$ and $\frac{1}{3}$ =

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

$\frac{1}{2}$ and $\frac{4}{9}$ =

$\frac{6}{9}$ and $\frac{4}{5}$ =

$\frac{3}{8}$ and $\frac{1}{6}$ =
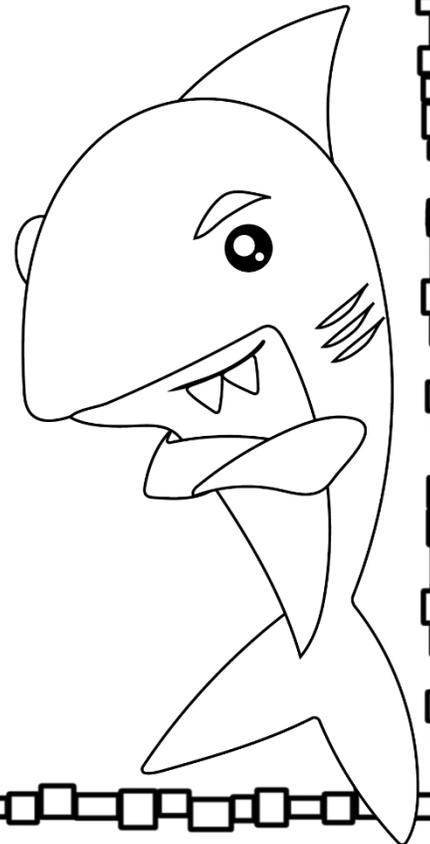
Adding & Subtracting with Unlike Denominators
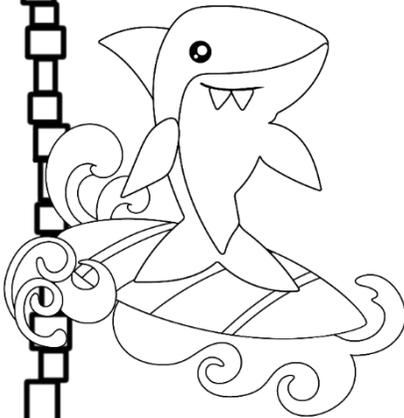
$$\frac{2}{9} + \frac{1}{2} =$$

$$\frac{1}{10} + \frac{3}{4} =$$

$$\frac{7}{10} - \frac{1}{8} =$$

$$\frac{1}{2} + \frac{2}{9} =$$

$$\frac{6}{9} - \frac{3}{10} =$$

$$\frac{3}{8} - \frac{1}{6} =$$

Name: _____

Write each improper fraction as a whole number or mixed number in simplest form.

$\frac{24}{14}$ =

$\frac{66}{20}$ =

$\frac{30}{20}$ =

$\frac{12}{5}$ =

$\frac{47}{9}$ =

$\frac{52}{7}$ =
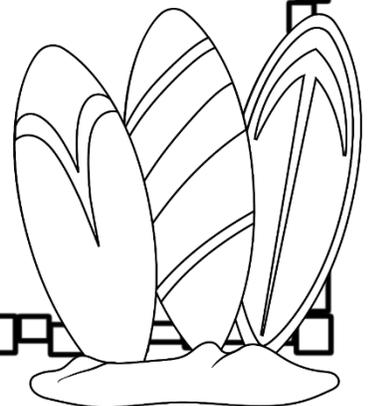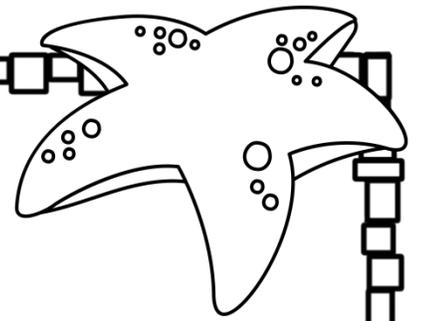
Word Problem Practice

Name: _____

Karen was at the party for 3 hours. She skated for $\frac{1}{3}$ of the party. How long did she skate?

Nathan collected 792 books to donate to the school. $\frac{2}{3}$ of the books were fiction and $\frac{1}{3}$ of the books with informational text. How many of each did he donate?

Hadley donated 930 coins to the fundraiser. $\frac{1}{5}$ of the coins were nickels and $\frac{4}{5}$ of the coins were pennies. How many of each did she donate?
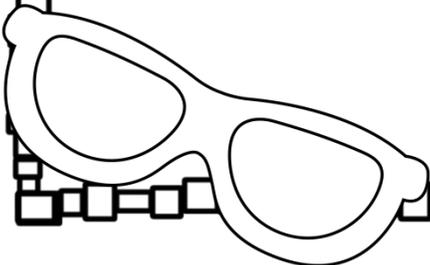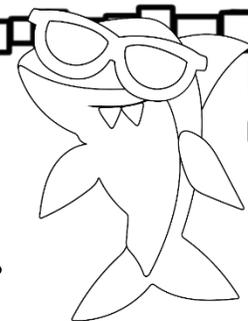
Name: _____

Finding the perimeter and area.

Directions: Determine the perimeter and area of each shape.
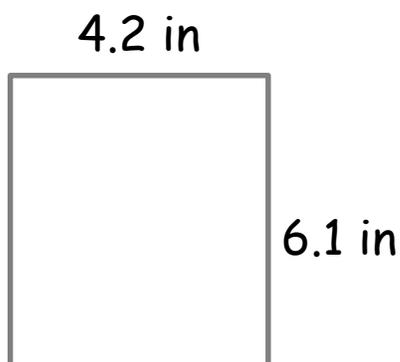
4.2 in

6.1 in

The perimeter is:

The area is:

16.2 m

3.6 m

The perimeter is:

The area is:

12.6 mm

7.3 mm

The perimeter is:

The area is:

6.9 cm

15.3 cm

The perimeter is:

The area is:

# Finding the Volume

**Directions:** Find the volume in cubic units.

The area is:

_____

The area is:

_____
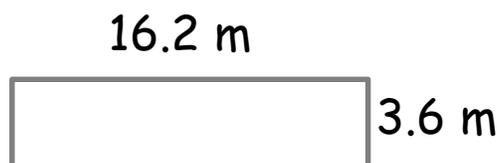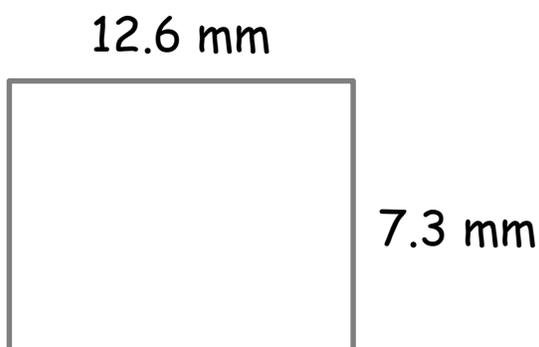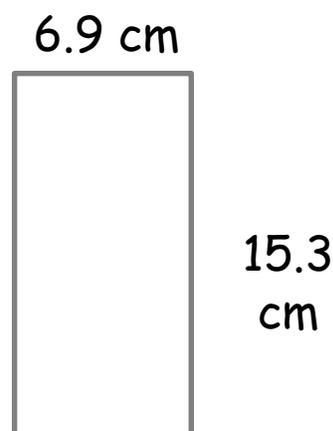
The area is:

_____


The area is:

_____

Name: _____

Finding the Volume

<u>Directions:</u> Find the volume in cubic units.

The area is:

_____

The area is:

_____
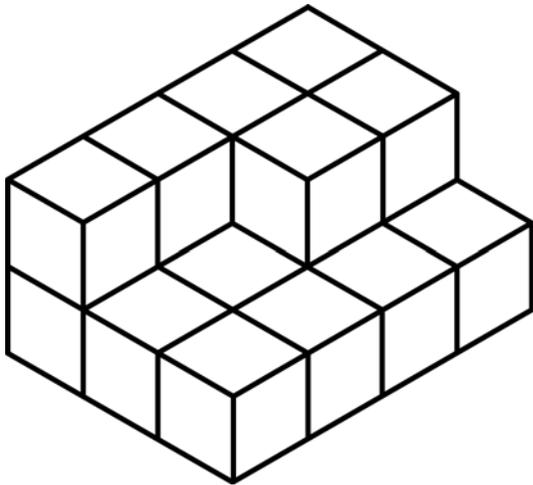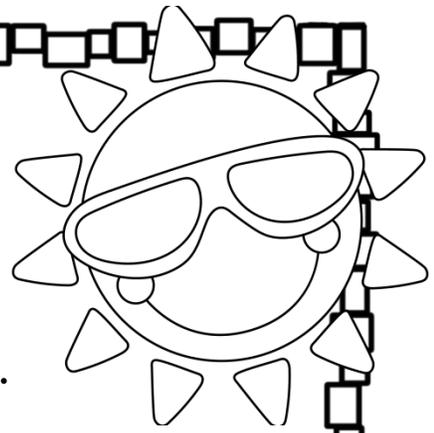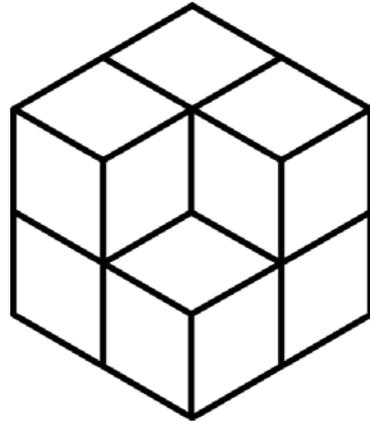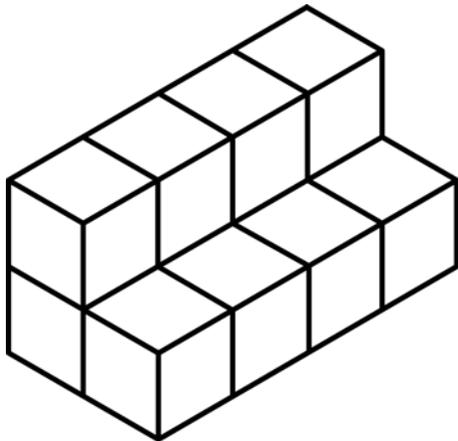
The area is:

_____
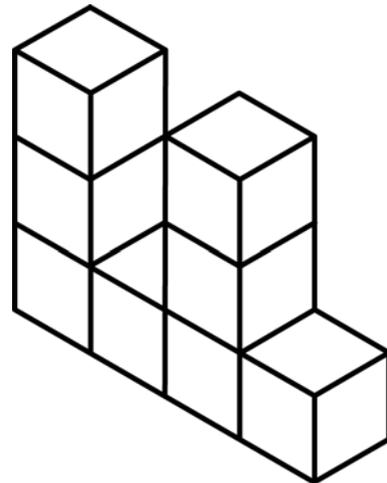
The area is:

_____

Name: _____

Converting Measurements

Directions: Convert each unit.

6 ft = in.	30 ft = yd.
12 yd = in.	5 ½ ft = in.
108 in. = ft	72 in. = yd
42 in. = ft	6 ft. = yd

Name: _____

Money Word Problems

Directions: Solve each problem.

Trevor bought 3 donuts for .79 each and a drink for .89. How much change did he get if he paid with $5.00?

_____

Cookies were 3 for .98. Kalyn bought 9. He had a $10 bill. How much did he have left?

_____

Stephen bought tickets for the carnival. They were 10 for $9. He needed 3 to go on a ride. If he wanted to go on 5 rides, how many did he need to buy? How much did he spend?

_____

Rickie had $20 to spend at the movies. He bought a ticket for $7.25. His popcorn was $4.19 and his drink was $3.74. How much did he have left for candy?

_____

Ordered Pairs
Beach Fun
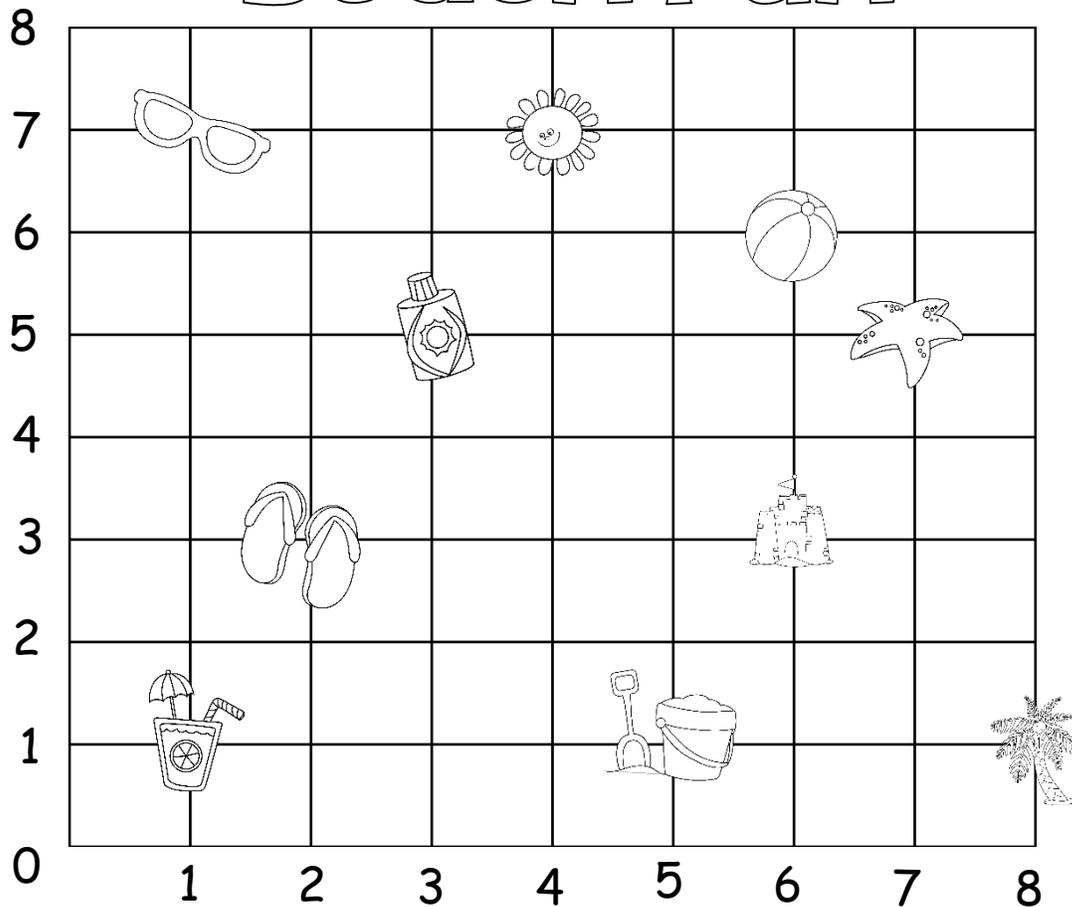
Identify the location of each picture by writing the ordered pair.

1. 👡 = (___ , ___)   2. ⚽ = (___ , ___)

3. 🥤 = (___ , ___)   4. ⭐ = (___ , ___)

5. 🪣 = (___ , ___)   6. 🏰 = (___ , ___)

7. 🕶 = (___ , ___)   8. 🌴 = (___ , ___)

9. 🌻 = (___ , ___)   10. 🧴 = (___ , ___)