Name: _____

The block below is the sum of the two blocks above. Fill in the missing blocks.

| 10.94 | 1.9 | 18.3 | 2 | 5.2 | 19.08 |

| | | | | 24.28 |

| | | | |

| | | |

| | |

| 268.52 |

| | 0 | | | |

| $\dfrac{2}{3}$ | $8\dfrac{2}{3}$ | | |

| | $26\dfrac{2}{3}$ | |

| | $61\dfrac{1}{3}$ |

| |

| Rose rolls two dice. What is the chance of her rolling a 6 on one die and a 1 on the other die? | $20 \div 10 =$ _____ | $\begin{array}{r} 274 \\ +\ 263 \\ \hline \end{array}$ | $\begin{array}{r} 49 \\ +\ 41 \\ \hline \end{array}$ |
| _____ | | | |

Name: _____

$|\text{-}14| + c = 12$

$c =$

$0.8\ (0.2\ (0.8 \times 7)) =$

Simplify.

$\dfrac{5{,}600}{11{,}200} =$

$3 + 12 \div 2$

Rewrite as an algebraic expression or equation.

Nine subtracted from a number is forty-eight.

34, 34, 42, 36, 50, 38,

_____, 40, 66, 42, 74,

44, 82

Simplify.

$\dfrac{46}{69} =$

What is the remainder of 88 divided by 14?

$\dfrac{1}{81}$, $\dfrac{1}{27}$, $\dfrac{1}{9}$, _____,

(1) , (3) , (9) , (27) ,

(81) , (243)

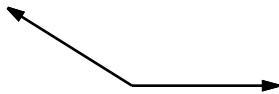Circle the percentage that is closest to 37 out of 58:

6%

80%

54%

---

p - $51 = $29
What is the value of p?

Rewrite $\dfrac{13}{25}$ as a decimal.

Name: _____

Ready to draw a face? First draw the eyes by drawing two equilateral triangles. Now for the mouth. Draw a trapezoid for the mouth. Draw a pentagon for the nose. Now have fun and finish the face!

What kind of angle is this?

Sketch 2 lines $\overleftrightarrow{GH}$ and $\overleftrightarrow{ST}$ that are parallel.

How much time is it from 7:00 a.m. to 10:45 a.m.?

6 x 88 ÷ 11

$5 \frac{3}{4} + 9 \frac{2}{4}$

120 ÷ 12 =

40 ÷ 4 =

8 x 5 = _____

Name: _____

At the mud factory, Purple's job is to scoop up mud and make it into kilogram blocks of mud. She loves her job! Today there were 434,823 milligrams of mud trucked in. Each mud block is precisely 1 kilogram, no less, no more. How many mud blocks can she make today?

A toy car can go 5 mph. How long would it take to go 16 miles?

How many minutes is it from 9:00 a.m. to 11:20 a.m.?

$33 + n = 50$

What is 50% of 86?

What is the area of a rectangle with sides 3 cm and 10 cm?

It was 8 degrees below zero in the morning. By afternoon the temperature rose 16 degrees. How warm was it?

How many grams are in 9 kilograms?

_____ grams

$68,767 + 59,126 =$ _____

Name: _____

Eric was bored. He went outside to find something to do. His mother was planting flowers. Eric offered to help her. They planted flowers from 2:40 p.m. until 5:16 p.m. They talked and had a good time together. How long did Eric and his mother work together?

Holly made a timeline for finishing her science project. She put the timeline on her bulletin board and checked it each day. The timeline shows that the project will be finished in 25 days. If she uses $\frac{2}{5}$ of that time for doing research, how many days will she have left to finish the project?

Emma walked to the store in 15.4 minutes. She bought Band-Aids for $0.55, gauze for $1.29, and suntan lotion for $2.89. She gave the clerk a $10 bill. She left the store at 3:45 a.m. It took her 20.3 minutes to walk home. How much longer did it take her to walk home than it took to walk to the store?

```
  9 4
- 2 1
```

(6 + 9) + 2 =

Anne rolls a die. What is the chance of her rolling a 4?

_____

2 x 3 = _____

```
  2 5 6
- 1 3 2
```

Jenna cannot open her locker. She knows that the four numbers are: 35, 38, 23, and 31, but she cannot remember the order of the numbers. How many different combinations are there? List ten of them.

6 lb = _____ oz

22 ÷ 11 = _____

word root **platy** can mean **flat**   plate, plateau

Name: _____

Three books cost $9. At that rate, what is the cost of 6 books?

9 x 5 =

30 ÷ 10 = _____

1 kg = 1,000 g

11 kg = _____ g

9,556 - 5,239 = _____

Jenna is younger than Anna. Jenna is younger than April. Who's the youngest?

1,275 + 3,288 = _____

Circle the greatest number:

5,196,473,082

56,817

9,021

832,794,015,643

98,773 + 32,899 = _____

Circle the addition property for 38 + 45 = 45 + 38.

commutative property

associative property

Adam has two nickels, four quarters, and one dime. He also has one other coin that is different from the rest of his coins. How much could he have?

Circle the smallest number:

2,031,549,278   269,503

1,478   89,674

10 ÷ 2 = _____

11 x 12 = _____

5 x 2 = _____

The letters H and U each have a line of symmetry. Name another letter between H and U that has a line of symmetry.

_____

5 x 11 =

word root **com** can mean **festivity**   **comedy, comedian**

Name: _____

Sudoku Sums of 6

Each row, column, and box must have the numbers 1 through 6.
Hint: Look for sudoku sums. The sum of the two boxes inside of
the dashed lines is 6.

Here is an example of a sudoku sum of 6:

3	3

	4	1	3		
					5
6					
		3			
3	2		4		6

12 x 6 = _____

7 x 11 = _____

What time is 16 hours after
3:00 p.m.?

_____

24 ÷ 6 = _____

Mary told Rosa that she multiplied
two consecutive whole numbers
and the answer is 210. Rosa
doesn't believe that is possible.
She thinks Rosa must have
multiplied wrong. Who is correct?

Name: _____

6 • = • 7 • = • 5 • = • 9 • 1 • 9 • - • 7 • 7 • = • 3 • 5 • 1 - • 6 • 3 • 3

Use the pieces above to help you fill in the runaway math puzzle.

| 4 | + | 7 | | 1 | 1 |

| - | | | | - |

| 4 | | 2 | + | 5 | = |

| 0 | + | 8 | + | 3 | = | 1 |

| - | | 5 | | + | | + |

| | + | 0 | = | 7 | 2 | 0 |

| 1 | | | + |

| 3 | + | 0 | = | | 2 |

| 7 | - | 0 | = | 3 |

What Words? Your Words!
Fill in the boxes with letters to make words. Each box is worth points. Earn points by filling in as many boxes as you can. Sum up the points you earn for each word.

Make a Word   Sum

| 1 | 2 | 4 | 6 | 10 |
| C | O | I | N | S |

13

| 1 | 2 | 4 | 6 | 10 | 14 |
| I | F | | | | |

| 1 | 2 | 4 | 8 | 14 |
| S | H | O | | | | |

Make a Word   Sum

| 1 | 2 | 4 | 6 | 10 | 14 |
| A | N | | | | | |

| 1 | 2 | 4 | 6 |
| C | A | | | | |

| 1 | 2 | 4 | 6 | 10 | 16 |
| N | O | | | | | |
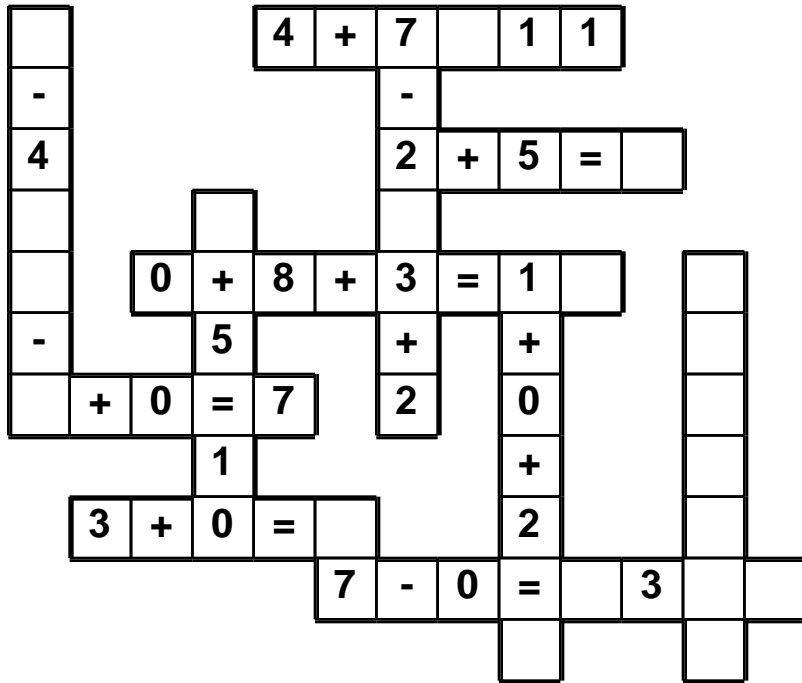
word root **bat** can mean **battle**   debate, rebate

Name: _____

$11 + y = 23$	$16 - y = 2$	What is the greatest common factor of 8 and 12?
Is the greatest common factor of 9 and 6 smaller, equal to, or greater than the least common multiple of 9 and 6?	What is the least common multiple of 5 and 7?	$n - 13 = 25$
What is the greatest common factor of 12, 32, and 16?	What is the least common multiple of 10 and 15?	$11 + n = 35$
Write all the factors for the number 32.	Is the least common multiple of 9 and 12 smaller, equal to, or greater than the greatest common factor of 9 and 12?	What is the greatest common factor of 25 and 15?

Name: _____

$\dfrac{3}{8}$ $\dfrac{1}{3}$ $\dfrac{2}{3}$ $\dfrac{1}{2}$ $\dfrac{5}{6}$ $\dfrac{4}{7}$

Name two of the above numbers that have a sum of $1\dfrac{1}{6}$.

Amanda added two fractions together. She wrote the answer of $\dfrac{9}{10}$. Whoops, she

realized she has to write out the entire equation. She remembered the two fractions had

the numbers 8, 5, 2, and 4. But she forgot the equation. Write out the complete equation.

And be snappy!

Jenna baked mini cupcakes and wants to put an equal number of cupcakes on some

plates. If she uses 3 plates, there will only be 1 mini cupcake leftover. If she uses 7 plates,

there will only be 5 mini cupcakes leftover. How many mini cupcakes do you think she

made?

Name: _____

$$+ \quad - \quad =$$

B	B	B	12
C	?	C	1
A	B	C	15

16　　24　　13

（左：+　x　=）

Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

B + C x A = 16　　　B + B - B = __　　　__ + __ x __ = 13

__ + __ - __ = 15

Additional hints:

C < 9　　　A = C + 3

Show Work:

Solve:

? = __

Name: _____

Jen is really into science. She invented a robotic bug that burps. Her brother loves it, so she wanted to burp her brother today. She checked her phone, and her brother is currently 1.4 miles away. After she set the coordinates on the phone the robotic bug left. She got a burp confirmation 95.2 seconds later when it reached her brother. How fast did this burping bee travel in miles per hour?

It was 82 degrees outside. What would the temperature be if it got 21 degrees colder?

---

2 + 5 x 11 - 9

Yummy Donuts gave three dozen chocolate donuts and four dozen jelly donuts to the school. How many donuts did they give?

15, 30, 45, _____, 75, 90, 105, 120, 135

5, 22, 27, 49, _____, 125, 201, 326, 527, 853, 1380, 2233, 3613, 5846

(1,290,750,791,116) ,

(67,934,252,164) ,

(3,575,486,956) ,

(188,183,524) ,

(9,904,396) , (521,284) ,

(27,436) , _____ , (76)

Name: _____

The area of a square is 22.09 square inches. What is its perimeter?

Write the reciprocal.

$\frac{12}{11}$

Write the reciprocal.

$\frac{1}{2}$

Write the reciprocal.
16

---

4 + 12 + 8 - 1

---

81 divided by 9 equals
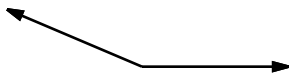

How many centimeters in 740.8 meters?

---

77 ÷ 7 = _____ | 8 x 5 = _____

Name: _____

Sketch 2 lines $\overleftrightarrow{DE}$ and $\overleftrightarrow{UV}$ that are parallel.	Sketch 2 lines $\overleftrightarrow{AB}$ and $\overleftrightarrow{VW}$ that are intersecting.

What kind of angle is this?	What kind of angle is this?

Sketch an obtuse angle named $\angle FGH$.	Sketch an obtuse angle named $\angle GHI$.	Sketch an acute angle named $\angle DEF$.

Use a protractor to draw a 135° angle.

Write the supplement of each angle.

23°

41°

9°

38°

28°

10°

17°

What angle is the complement of an angle that is 74°?

Name: _____

| 9 • ÷ • 7 • 6 • x • 2 • + • 3 • + • 5 • = • 1 • 0 • 6 • 6 • 3 |
| 9 • 0 • 4 • 3 |

Use the pieces above to help you fill in the runaway math puzzle.
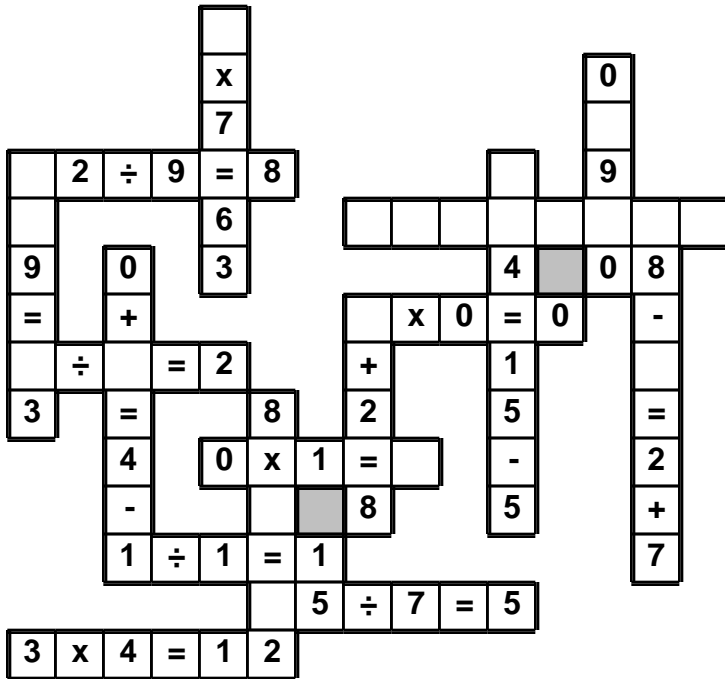
| Sketch a right angle named ∠DEF. | An angle measures 53°. What would you call this angle? | What kind of angle has a measure of between 90° and 180°? |

| It was 2 degrees below zero in the morning. By afternoon the temperature rose 18 degrees. How warm was it? | Estimate quickly the difference. 4,500 - 1,970 | Know how many inches in a foot? Okay, smarty pants, how many inches in 8 feet? |

Name: _____

	+	x	+	=
C	B	B	A	31
B	B	C	A	45
B	B	A	?	42

+

+

=

16   9   25   27

Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

C + B x B + A = 31   C + B + __ = 16

__ + __ + __ = 9   __ + __ x __ + __ = 45

__ + __ + __ = 25

Additional hints:

C = B + 7   A < 20

Solve:

? = __