Name: _____

Solve for the unknown value. Hint: It is a positive whole number.

$6r = 24$ $r =$ _____

$r + 43 = 80$ $r =$ _____

$42 + z = 85$ $z =$ _____

$z + 50 = 106$ $z =$ _____

$56 + m = 94$ $m =$ _____

Hannah can't wait for her friend to visit.

"As soon as you leave the airport, drive 21 miles to exit 5," says Hannah.

"I don't think you mean miles. They use kilometers here," says Holly.

Help Hannah tell Holly how many kilometers to drive. Use 1 mile = 1.6 kilometers.

Name: _____

The math path (number maze):

$60\frac{3}{6}$ | $-6\frac{2}{6}$ | | $+1$ | | | -19 | | $+\frac{3}{6}$

-32 | $+23$

$+56$ | $+\frac{2}{4}$ | -24

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

$+14$ | $+\frac{3}{4}$ | $+\frac{1}{6}$ | $+5\frac{1}{6}$ | -11

-4 | $+\frac{3}{4}$ | -42 | $48\frac{5}{6}$ | $-\frac{1}{4}$ | $+45$ | $60\frac{7}{12}$

Solve.

$3 + (30 \div 6) + 6$

$(5 \times 2) - (12 \div 3)$

Write an equivalent fraction with a denominator of 100.

$\frac{1}{10} =$ $\frac{9}{10} =$

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

Name: _____

Amanda and Rose are at the paint store. They want to paint 4 rooms in their house. Each room has 280 square feet of wall to be painted. "How much paint do you think we should get?" Amanda asks Rose.

 "This 1 gallon of paint says it should be enough to cover 180 square feet," replies Rose.

How many gallons should they get? The store only sells whole gallons.

Which number has more factors: 19 or 14?

Name: _____

Mr. Taylor bought 2 $\frac{1}{4}$ pounds of ham to make sandwiches for Police Week lunch in the park. The ham cost $3.23. What was the cost of the ham per pound? (Round your answer off to the nearest cent.)

Robert was bored. He went outside to find something to do. His mother was planting flowers. Robert offered to help her. They planted flowers from 2:35 p.m. until 5:11 p.m. They talked and had a good time together. How long did Robert and his mother work together?

The Midtown Thrift Shop had total sales of $426.05. Of that amount, $269.33 was for clothing. How much of the total sales was not for clothing?

71,732 + 29,441 = _____

5 x 7 =

$$\begin{array}{r} 9\ 8 \\ -\ 3\ 3 \\ \hline \end{array}$$

7 x 3 = _____

22 ÷ 2 = _____

7 x 10 = _____

$$\begin{array}{r} 4\ 0\ 8 \\ -\ 3\ 2\ 0 \\ \hline \end{array}$$

17% of 100 is 17.
17% of 200 is 34.
17% of 500 is 85.

What is 17% of 700?

1 km = 1,000 m

6 km = _____ m

$$\begin{array}{r} 2\ 9 \\ +\ 3\ 2 \\ \hline \end{array}$$

Name: _____

What time is 17 hours after 2:00 p.m.?

_____

747 + 786 = _____

42 ÷ 6 = _____

$$\begin{array}{r} 3\ 0\ 9 \\ +\ 3\ 9\ 2 \\ \hline \end{array}$$

Write this as a number in standard form. Use a comma in your number.

eight hundred eighteen thousand six hundred ninety-eight

_____

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

Can 542 be evenly divided by 6? Circle:

542 is evenly divisible by 6

542 is NOT evenly divisible by 6

21 cm = _____ mm

72 ÷ 6 = _____

Adam took three numbers greater than 1 and multiplied them. One number was five and the other number was sixteen. Of course, he forgot the last number, but he remembered the product was 101. Is this possible?

How many feet are in 84 inches?

_____ feet

74,162 + 72,987 = _____

100 ÷ 10 = _____

7 x 5 =

Name: _____

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		Make a Word	Sum

Make a Word | **Sum**

1   2   6   10
| D | R | U | G | | |

3

1   2   4   6   8   14   20
| | H | | | | | |

1   2   4   6   12   18
| P | E | | | | | |

1   2   4   6   8   12   16
| | I | | | | | | |

Make a Word | **Sum**

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

1   2   6   10   16   22
| C | A | | | | | |

1   2   4   8
| S | T | | | |

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

The boys in your class each were given a ticket with a number on it. The numbers given out were: 10, 32, 34, 39, 11, 38, 16, 1, 35, and 33. One ticket will be picked from a hat. What are the chances that the winning ticket number is divisible by 3?

$8 \times 11 =$ _____

$7 \times 4 =$ _____

What number is halfway between 11 and 23?

$36 \div 3 =$

$108 \div 9 =$

$81{,}341 + 53{,}143 =$ _____

$110 \div 10 =$ _____

Circle the smallest number:
541,203
134,650,827
398,789,632,145
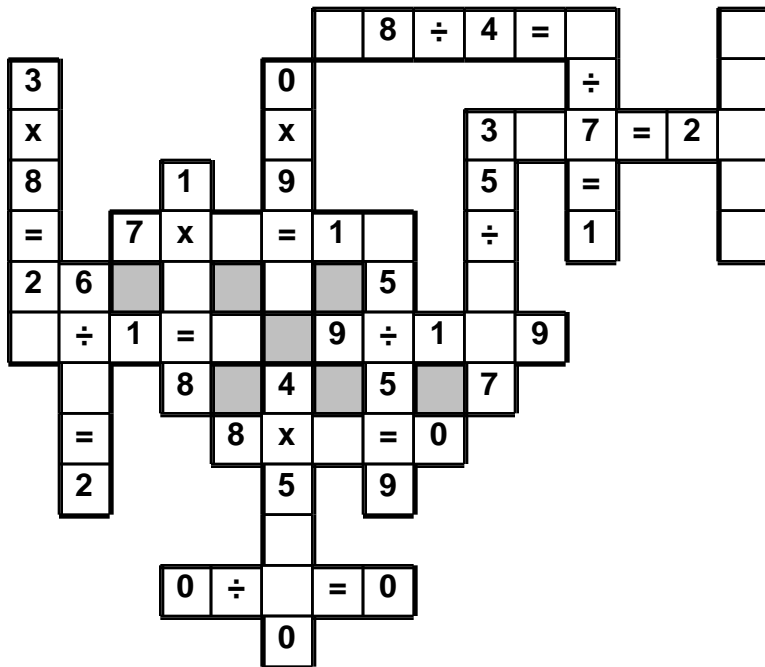97,682,570,146

$569 + 267 =$ _____

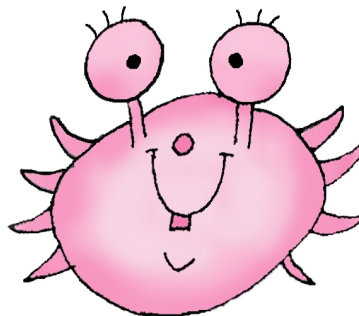word root **nat** can mean **born**   **natural, prenatal**

Name: _____

2 • 7 • 5 • x • x • 1 • = • 2 • 4 • 5 • 8 • 0 • 5 • 4 • 4 • = •
3 • 0 • = • 2

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

					8	÷	4	=			
3			0				÷				
x			x		3	7	=	2			
8		1	9		5	=					
=	7	x		=	1	÷	1				
2	6				5						
	÷	1	=		9	÷	1	9			
	8		4		5		7				
=		8	x		=	0					
2		5		9							
0	÷		=	0							
	0										

The product of two consecutive whole numbers is 210. What are the two consecutive whole numbers?

5,258 - 5,221 = _____

11 x 2 = _____

Write 16,862 in words.

_____

Name: _____

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 5.

Every row must contain the numbers 1, 2, 3, 4, and 5.

Every column must contain the numbers 1, 2, 3, 4, and 5.

In a cage with a plus sign, the given number will be the sum of all the digits in the cage.

In a cage with a subtraction sign, the given number will be the difference. The largest number will always be the box with the clue.

5+	9+		8+	
	1-		11+ 1	5
4-				4
9+	2		1-	3
			7+	

Fill in the blanks. These equations are from the puzzle above.

5 + ____ = 9   ____ + ____ + 5 = 8

____ - 3 = 1   ____ - 3 = 1

5 + ____ = 7   1 + ____ + ____ + ____ = 11

1 + ____ + ____ + ____ = 9   ____ + 2 = 5

Name: _____

"Hey, Ted!" called out his friends. But Ted didn't reply. He was texting. They don't call him Texty Ted for nothing! Ted sends an average of 50 texts in only 4 minutes. At precisely 3:21 Ted finally sat down outside of school to play his phone. He played his phone until 3:47 when his phone ran out of power. How many texts do you think Texty Ted sent?

Give two answers for x in each equation.

$$| 7 + x | = 16$$

$$| -11 - x | = 19$$

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 586,200 milligrams of mud trucked in. Each mud block is precisely 1 kilogram, no less, no more. How many mud blocks can she make today?

Name: _____

Draw a line to match each problem with the same answer.

31% of 100	●	●	86% of 50		75% of 84	●	●	64% of 50
70% of 60	●	●	43% of 100		95% of 140	●	●	80% of 40
17% of 200	●	●	34% of 100		76% of 175	●	●	45% of 140
20% of 155	●	●	35% of 120				●	29% of 200
					58% of 100	●		

$7 \div 1 - 7$

$8 \frac{3}{9} + 4 \frac{3}{9}$

A rectangle is 51 cm on one side and 6 cm on another side. What is the perimeter?

The area of a rectangle is 14 cm². What could the length of the 4 sides be?

Round 65,324 to the nearest hundred.

$9 \div \frac{1}{2}$

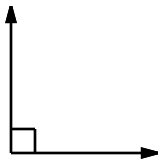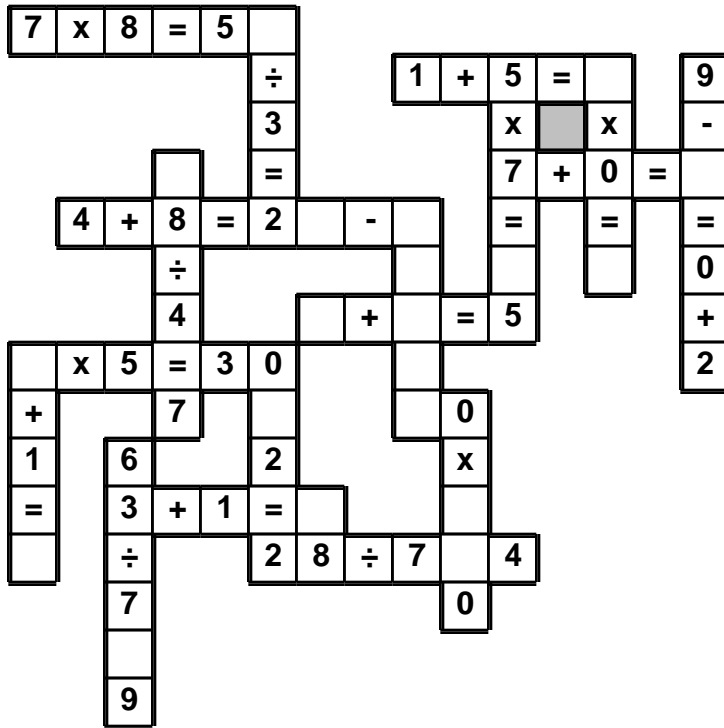
48, _____, 67, 81, 98, 118, 141, 167, 196, 228, 263

How much money is 1 quarter, 1 dime, 1 nickel, and 3 pennies?

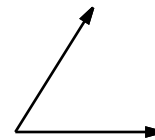
How many minutes is it from 6:00 a.m. to 11:30 a.m.?

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word root **petr** can mean **rock**   **petrify, petrology**

Name: _____

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

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

7	x	8	=	5
			÷			1	+	5	=			9
			3				x		x			-
			=			7	+	0	=		
4	+	8	=	2		-	=		=		=
		÷								0
		4		+	=	5			+
	x	5	=	3	0			2
+		7				0
1		6		2		x
=		3	+	1	=
		÷	2	8	÷	7	4
		7		0
		9

What kind of angle is this?

What kind of angle is this?

Know how many inches in a foot? Okay, smarty pants, how many inches in 5 feet?

130, 143, 156, 169, 182,

_____, 208, 221

The radius of a circle is 699 cm. What is the diameter of this circle?

Name: _____

certify • saucy • twelfths • foolish • guide • monitor

Each row, column, and box must have all the words from the word list. Write in the missing words.

					monitor
saucy				guide	
guide		foolish		saucy	
				certify	
		saucy			
		certify	foolish		

-2 + -5 =	-38 + 25 =	7 + -10 =

10, 12, 14, 16, 18, _____, 22	How many centimeters in 620.3 meters?	Write $\frac{10}{15}$ in lowest terms.

What is 50% of 1,388?	Write the missing family fact. 15 x 4 = 60 4 x 15 = 60 60 ÷ 4 = 15	Yummy Donuts gave two dozen chocolate donuts and six dozen jelly donuts to the school. How many donuts did they give?