

Name: _____

If a number is increased by 95, the result is 165. What is the number?

Twelve less than a number is forty-two. What is the number?

Five times a number, increased by fourteen, equals forty-four. What is the number?

756 exceeds seven times a number by 84. What is the number?

Name: _____

Cross off the letter that does NOT belong.

S, P, R, O, P, Q, N, P, M, O, L, N, K, M, J

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

24, 33, 43, 54, 66, 79, 93, 99, 108, 124, 141, 159, 178, 198, 219

Why does _____ not belong in the pattern?

Name: _____

Mrs. Jackson is baking a cake for her son's class for his birthday. The recipe she is using will make a cake that can be cut into fourteen pieces measuring three inches by three inches. If she cuts the cake into pieces that measure two inches by three inches, how many whole pieces will she have?

To celebrate the Shortest Month of the Year, Sweet Sue's Sweets sells strawberry shortcakes. Each shortcake costs \$1.59, but if you are shorter than 4 feet, your shortcake is free. Sue sold 189 shortcakes this week and was paid \$281.43. How many servings were given to people less than 4 feet tall?

Hannah and Sara are at the paint store. They want to paint 2 rooms in their house. Each room has 340 square feet of wall to be painted. "How much paint do you think we should get?" Hannah asks Sara.

"This 1 gallon of paint says it should be enough to cover 220 square feet," replies Sara. How many gallons should they get? The store only sells whole gallons.

Bob, the donut guy, is working on a new type of donut called the 1.6-ounce sugar mini donut. Each donut weighs precisely 1.6 ounces. About $\frac{1}{5}$ of the donut consists of milk, yeast, flour, and eggs. The rest of the donut is sugar. Yum!

How many ounces of sugar is needed for each donut?

Name: _____

Mental Math

— #1 —

☼ Start with the number 360.

360

☼ Add two-thirds of a dozen.

1 6 3 6 8 1 6 3 4 0 (Circle your answer to double check you are correct.)

☼ Add 52.

3 6 6 2 4 2 0 4 8 5

☼ Divide by 10.

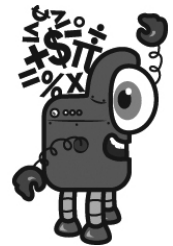
4 2 6 2 1 8 9 3 7 4

☼ Add the digits in your number. The sum of that is your new number.

8 6 4 1 6 6 9 6 2 5

☼ Multiply by 7.

8 9 2 4 2 6 5 3 9 6



Mental Math

— #2 —

❖ Start with the area of a square that has a length of 5.

3 2 5 1 1 0 2 9 7 6 (Circle your answer to double check you are correct.)

❖ Subtract 10.

5 8 2 6 1 5 4 1 5 8

❖ Increase that number by 16.

7 0 5 0 4 9 3 1 3 3

❖ Increase that number by 4.

5 5 8 5 7 3 5 0 1 5

❖ Find three-fifths.

9 4 5 0 2 0 4 2 1 8

❖ Add the digits in your number. The sum of that is your new number.

5 3 9 2 8 3 7 4 2 6



Name: _____

<p>All 18 of the third grade teachers wore their pajamas to work. Two-thirds of the fourth grade teachers wore their pajamas to work. There are 3 more fourth grade teachers than third grade teachers. How many fourth grade teachers wore their pajamas to work?</p>	<p>A roll of $\frac{1}{2}$-inch wide masking tape costs \$0.58 per yard. A roll of $\frac{3}{4}$-inch wide masking tape costs \$0.96 per yard. How much more does a 30 yard roll of $\frac{3}{4}$-inch wide masking tape cost than a roll of $\frac{1}{2}$-inch wide tape?</p>	<p>Mr. Taylor made a strawberry cheesecake for the party. He baked the cake at 350 degrees for 45 minutes. If he put the cake in the oven at 3:36 p.m., what time did he take it out of the oven?</p>
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<p>List five of the smallest whole numbers that are greater than 10, are multiples of 5, and are not multiples of 8.</p>	$\begin{array}{r} 89 \\ - 59 \\ \hline \end{array}$	<p>How many digits are in the number of days in the current month?</p> <p>_____</p>
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<p>$4 \times 3 =$</p>	<p>1 kg = 1,000 g</p> <p>18 kg = _____ g</p>	<p>Ava wants to call Amy. Amy is on vacation in Asia. It is a time difference of nine hours. Amy's time is always later than Ava's time. If it is 5:32 P.M. where Ava lives, then what time is it where Amy is?</p> <p>_____</p>
	<p>16 cm = _____ mm</p>	

How many inches are in 5 feet?

_____ inches

Name: _____

Sudoku Sums of 9

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 9.

Here is an example of a sudoku sum of 9:

5	4
---	---

2					1
		6			
	1	2			6
3				6	2
	2		4	3	

$$\begin{array}{r} 30 \\ + 26 \\ \hline \end{array}$$

April wants Amanda to guess a two digit number. She tells Amanda that her number has two different digits. The digits are 9 and 5. Amanda thinks. She then guesses the number 59. What are the chances that Amanda has guessed correctly?

$$\begin{array}{r} 380 \\ + 335 \\ \hline \end{array}$$

$$\begin{array}{r} 515 \\ - 293 \\ \hline \end{array}$$

Circle the relative adverb.
how, who, when, we

Name: _____

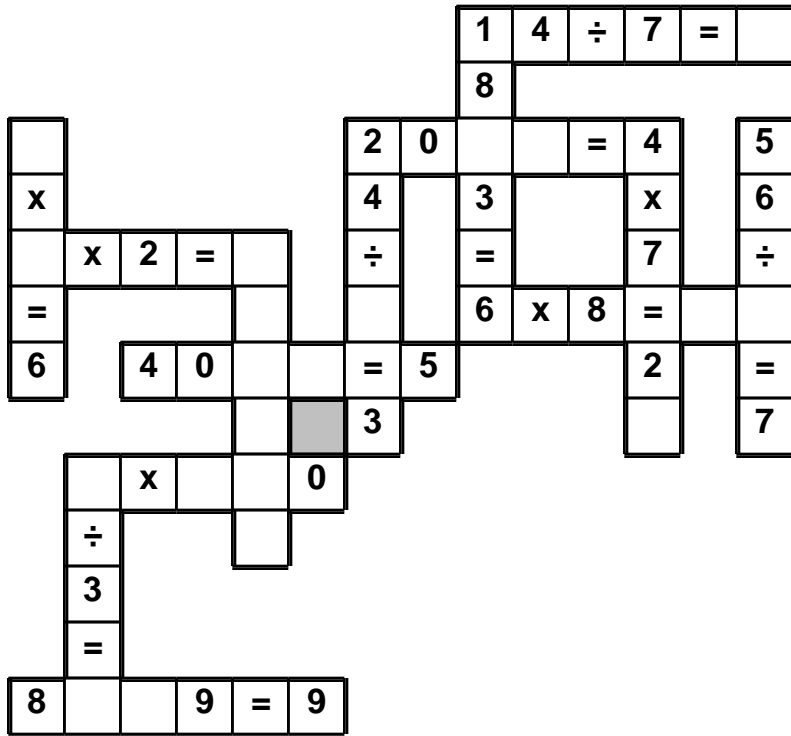
<p>Write this as a number in standard form. Use a comma in your number.</p> <p>nine hundred ninety-one thousand, two hundred ninety-three</p> <p>_____</p>	<p>$10 \times 4 =$</p>
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<p>$3 \times 7 =$</p>	<p>Can 769 be evenly divided by 8? Circle:</p> <p>769 is evenly divisible by 8</p> <p>769 is NOT evenly divisible by 8</p>
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<p>Wendy was given five numbers: 3, 2, 6, 7, and 1. She needs to use two of these numbers to make a fraction. Can she make a fraction that is less than three-fourths?</p>	<p>Write the missing family fact.</p> <p>$10 \times 24 = 240$ $240 \div 10 = 24$ $24 \times 10 = 240$</p> <p>_____</p>
	<p>For 9,695,204,646,576,603, write the digit that is in the hundred thousands place.</p> <p>_____</p>

<p>Which has the largest answer?</p> <p>377×240 365×240 362×240</p>	<p>$70 \div 10 =$</p>
	<p>$20 \div 4 =$</p>

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



Draw a shape that has between four and six lines. The shape should have at least one line of symmetry. Show the line of symmetry using a dotted line.

Have you seen my new purple sweater

Name: _____

What is the greatest common factor of 3 and 12?

$$m - 10 = 22$$

What is the greatest common factor of 15 and 27?

What is the greatest common factor of 10, 25, and 45?

$$m - 14 = 6$$

What is the least common multiple of 5 and 10?

Write all the factors for the number 14.

Is the greatest common factor of 10 and 12 smaller, equal to, or greater than the least common multiple of 10 and 12?

What is the least common multiple of 9 and 7?

Write as a decimal.
Eleven and two tenths

Write as a decimal.

$$9 \frac{3}{100}$$

Write as a decimal.

$$\frac{1}{10}$$

Name: _____

I am the largest whole number that will round to 50 when you round to the nearest ten.

Megan has 8 coins in her toy bank. The code to open this cool bank is 6148. She has no quarters, bills, or pennies. All she has are nickels and dimes. They total \$0.55. How many dimes does she have?

Use any of these digits. Cross off a digit after you use it.

4 9 8 6 3 1 0 2 2

What is the smallest 4-digit even number that you can make?

Name: _____

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?

Mental Math



= Do it
in your
head!

imagine 8 in your head

multiply 10

add 1

Add the tens digit to
the ones digit.
Write the sum.

A

imagine 5 in your head

multiply 9

subtract 8

double it

add 1

add 9

Write the tens digit.

B

imagine 6 in your head

subtract 3

add 9

double it

Write the tens digit.

C

imagine 3 in your head

add 8

subtract 7

multiply 2

Write the number.

D

What is the sum?

A + B + C + D

Wow! Great job! That's the answer, but do you know how to SPELL the number?

_____ n _____ y - s _____

6 before 12 _____

4 after 14 _____

7 after 17 _____

5 before 17 _____

6 after 13 _____

9 after 15 _____

1 before 16 _____

1 after 19 _____

5 after 12 _____

Name: _____

Estimate. $53 + 63 =$

- A) 710
- B) 110
- C) 140
- D) 130

$30 + 9 =$

- A) 91
- B) 14
- C) 58
- D) 39

Brad's house has a garden that is in the shape of a square. If each side of the garden is 13 feet, then what is the perimeter of the garden?

- A) 13 feet
- B) 26 feet
- C) 52 feet
- D) 96 feet

Which of the following numbers is less than 55 and greater than 33?

- A) 23
- B) 45
- C) 57

3 tens and 6 hundred thousands =












- A) 63
- B) 300060
- C) 600030

$(3 \times 1,000) + (3 \times 100) + (8 \times 1) =$

- A) 833
- B) 3308
- C) 3083

Name: _____



Puzzle:

5	5			450
	5			60
	5			360
5				540
100	750	216	324	X

















Work Area:

5	5			450
	5			60
	5			360
5				540
100	750	216	324	X

The product for each column and row is given. Blanks use numbers 2 to 9 only.

 = _____  = _____  = _____






Puzzle:

				1,536
				1,134
				1,458
				1,152
2,592	1,296	1,512	576	X

Work Area:

				1,536
				1,134
				1,458
				1,152
2,592	1,296	1,512	576	X

The product for each column and row is given. Blanks use numbers 2 to 9 only.

 = _____  = _____  = _____
 = _____  = _____

Name: _____

Complete each pattern, using the same rule. Write what the rule is.

J, J, A, J, J, A, J, J, A, __, __, A

__, __, A, J, J, A, J, J, A, J, __, A

I, I, E, I, I, E, I, I, E, I, __, __, I, I, __

Complete each pattern. Write what the rule is. HINT: The first two numbers in each pattern are random numbers.

10.5, 22.5, 33, 55.5, 88.5, 144, 232.5,
376.5, 609, 985.5, 1594.5, 2580, ____, ____

12.4, 11.8, 24.2, 36, 60.2, 96.2, 156.4,
252.6, 409, 661.6, 1070.6, ____, ____, ____

Name: _____

What's in the Box?

Read the words on the left then match the letters with the correct synonyms in the clues.
Put the clues together and solve the mystery of what is in the box.

A =refuse
B =horde
D =flimsy
E =gauge
F =scrap
H =trance
I =heavy
L =deposit
N =glide
O =surgeon
P =infant
R =comfort
S =shop
T =clip
V =acquire
W =exit

Clue 1: hefty sail bit mine deny snip scale rickety

 i n _____

Clue 2: doctor obtain deny mine

Clue 3: mine scale deny snip daze scale soothe

Clue 4: crowd soothe doctor door sail

Clue 5: baby deny store store scale rickety

What's in the Box? _____

Circle the greatest number:

508,082

78,451

239,069,647,213

437,569,169

Erin has two favorite numbers.
If you add her favorite numbers, you get 28. If you multiply her favorite numbers, you get 171. What are her mystery numbers?

In the number 916,296, the digit 2 is in what place?

Write an equation to represent this:

The product of five and six is thirty.



It's NO PREP at edHelper.

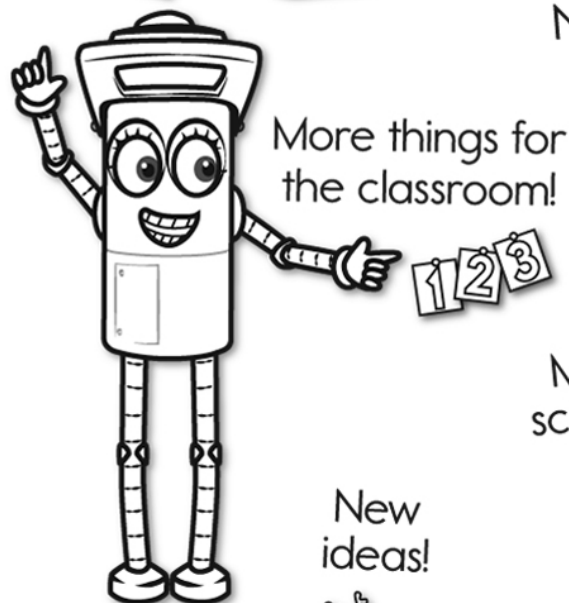
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\times
 $\times =$
 $- \div$
 $< - >$

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