

Name: \_\_\_\_\_

What is the greatest common factor of the numbers 91 and 65?

Simplify.

$$\frac{38}{114} =$$

The letter V has an unknown value. If you multiply V by six, the product is two. What value does V have?

$$0.9 \times 0.4$$

$$y = x + 15$$

$$y = 21$$

What is the value of x?

Each side of a regular pentagon is 93.5 centimeters. What is the perimeter?

Rewrite  $\frac{12}{25}$  as a decimal.

$$4 + 12 \cdot 12 + 3$$

Simplify.

$$\frac{35}{56} =$$

$$0.7 (0.3 (0.7 \times 8)) =$$

$$p - \$63 = \$21$$

What is the value of p?

If  $g = -6$  and  $v = 24$  then what is  $12g + 14v + 2v = ?$

What is the mode of the following number set?

58, 60, 49, 61, 62, 63, 52, 54,  
51, 66, 65, 50, 48, 64, 55

The unknown value x is a multiple of 6, is greater than 165, and it is divisible by 17. What can be the lowest possible value of x?

If

$$100,000,000,000$$

$= 10^x$ , then what is the value of x?

Name: \_\_\_\_\_

Sara rode her bike for 45 minutes. She went 8.55 miles. What is her speed in miles per hour?

A rectangle is 58 cm on one side and 5 cm on another side. What is the perimeter?

It was 4 degrees above zero in the morning. By afternoon the temperature rose 28 degrees. How warm was it?

110, 120, 130, 140,  
\_\_\_\_\_, 160, 170, 180,  
190

How many centimeters in 6.9 meters?

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

Estimate quickly the difference.  
 $4,750 - 1,410$

Sara rolls a die. What is the chance of her rolling a 1?  
\_\_\_\_\_

$$6 \div 3 = \underline{\hspace{2cm}}$$

$$21 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

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Fill in the blanks with  $>$ ,  $=$ , or the  $<$  sign.

$$-9 \quad \underline{\hspace{1cm}} \quad -45$$

$$84,000 \quad \underline{\hspace{1cm}} \quad -670,000$$

$$-23,000 \quad \underline{\hspace{1cm}} \quad 1,800$$

$$-10 \quad \underline{\hspace{1cm}} \quad -5$$

$$\begin{array}{r} 435 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} 709 \\ \times \quad 55 \\ \hline \end{array}$$

Find the product of 2302 and 4.

66, 86, 106, 126,  
\_\_\_\_\_, 166

How much money is 1 quarter, 1 dime, 8 nickels, and 1 penny?

The diameter of a circle is 1,448 cm. What is the radius of this circle?

$12 \times 6 = \underline{\hspace{2cm}}$

$40 \div 8 = \underline{\hspace{2cm}}$

$1 \text{ km} = 1,000 \text{ m}$

$18 \text{ km} = \underline{\hspace{2cm}} \text{ m}$

Name: \_\_\_\_\_

<p>Sara is making small gift bags of tea. Each bag holds <math>1\frac{1}{2}</math> ounces of tea and sells for \$4. She buys the tea for \$11.90 per pound. Her other supplies cost \$0.35 per bag. How much profit (or loss) will she make per pound of tea?</p>	<p>Sarah went to the bakery to buy cookies for the tea party. The cookies she wanted cost \$1.28 per <math>\frac{1}{2}</math> dozen, \$2.36 per dozen, or \$0.23 each. She wants to buy 10 cookies. How much less would it cost to buy <math>\frac{1}{2}</math> dozen plus 4 cookies than it would to buy one dozen cookies?</p>	<p>Hannah is going to a party. She has procrastinated getting ready all day. Now it is 5:05 p.m., and the party begins at 6:00 p.m. It will take her 32 minutes to shower, 13 minutes to get dressed, 17 minutes to do her hair, and 23 minutes to get to the party. What time will she arrive?</p>
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<p>Emily is a family friend. She will be picking you up from school and driving you to the closest library. Where should she go? Write instructions to explain how she could get there and where you will be going.</p>	$\begin{array}{r} 34 \\ + 23 \\ \hline \end{array}$
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$\begin{array}{r} 913 \\ - 881 \\ \hline \end{array}$	$996 - 164 = \underline{\hspace{2cm}}$	$\begin{array}{r} 65 \\ - 31 \\ \hline \end{array}$
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Name: \_\_\_\_\_

5 • 7 • = • ÷ • 4 • 5 • 3 • ÷ • = • 0 • 1 • 8 • 9 • 0 • 0 • 4  
 ÷ • 2 • 7 • 8

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

The puzzle grid contains the following elements:

- Row 1: 2, 1, 8, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 2: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 3: 4, 3, 6, 5, 6, 8, =, 7
- Row 4: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 5: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 6: 4, 3, 6, 5, 6, 8, =, 7
- Row 7: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 8: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 9: 4, 3, 6, 5, 6, 8, =, 7
- Row 10: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 11: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 12: 4, 3, 6, 5, 6, 8, =, 7
- Row 13: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 14: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 15: 4, 3, 6, 5, 6, 8, =, 7
- Row 16: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 17: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 18: 4, 3, 6, 5, 6, 8, =, 7
- Row 19: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 20: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 21: 4, 3, 6, 5, 6, 8, =, 7
- Row 22: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 23: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 24: 4, 3, 6, 5, 6, 8, =, 7
- Row 25: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 26: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 27: 4, 3, 6, 5, 6, 8, =, 7
- Row 28: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 29: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 30: 4, 3, 6, 5, 6, 8, =, 7
- Row 31: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 32: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 33: 4, 3, 6, 5, 6, 8, =, 7
- Row 34: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 35: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 36: 4, 3, 6, 5, 6, 8, =, 7
- Row 37: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 38: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 39: 4, 3, 6, 5, 6, 8, =, 7
- Row 40: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 41: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 42: 4, 3, 6, 5, 6, 8, =, 7
- Row 43: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 44: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 45: 4, 3, 6, 5, 6, 8, =, 7
- Row 46: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 47: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 48: 4, 3, 6, 5, 6, 8, =, 7
- Row 49: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 50: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 51: 4, 3, 6, 5, 6, 8, =, 7
- Row 52: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 53: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 54: 4, 3, 6, 5, 6, 8, =, 7
- Row 55: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 56: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 57: 4, 3, 6, 5, 6, 8, =, 7
- Row 58: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 59: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 60: 4, 3, 6, 5, 6, 8, =, 7
- Row 61: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 62: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 63: 4, 3, 6, 5, 6, 8, =, 7
- Row 64: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 65: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 66: 4, 3, 6, 5, 6, 8, =, 7
- Row 67: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 68: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 69: 4, 3, 6, 5, 6, 8, =, 7
- Row 70: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 71: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 72: 4, 3, 6, 5, 6, 8, =, 7
- Row 73: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 74: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 75: 4, 3, 6, 5, 6, 8, =, 7
- Row 76: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 77: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 78: 4, 3, 6, 5, 6, 8, =, 7
- Row 79: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 80: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 81: 4, 3, 6, 5, 6, 8, =, 7
- Row 82: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 83: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 84: 4, 3, 6, 5, 6, 8, =, 7
- Row 85: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 86: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 87: 4, 3, 6, 5, 6, 8, =, 7
- Row 88: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 89: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 90: 4, 3, 6, 5, 6, 8, =, 7
- Row 91: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 92: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 93: 4, 3, 6, 5, 6, 8, =, 7
- Row 94: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 95: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 96: 4, 3, 6, 5, 6, 8, =, 7
- Row 97: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7
- Row 98: 8, 4, 1, 8, 3, ÷, 4, 6, 5, 6, 8, =, 7
- Row 99: 4, 3, 6, 5, 6, 8, =, 7
- Row 100: 2, 8, 1, 8, 4, 3, 6, 5, 6, 8, =, 7

Robert took three numbers greater than 1 and multiplied them. One number was four and the other number was twelve. Of course, he forgot the last number, but he remembered the product was 173. Is this possible?

Which is the better buy?  
 Seven bags of candy for \$35  
 or two bags of candy for \$4?

What time is 15 hours after 2:00 a.m.?

\_\_\_\_\_

How many feet are in 108 inches?

\_\_\_\_\_ feet

7,882 - 1,341 = \_\_\_\_\_

Name: \_\_\_\_\_

$514 + 198 = \underline{\hspace{2cm}}$	Write the missing family fact. $124 - 88 = 36$ $36 + 88 = 124$ $124 - 36 = 88$ $\underline{\hspace{2cm}}$
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Here is a pattern of letters:  P X X M F P X X M F P X X M F P X X M ...  What letter will be the 33th term in the pattern?	$9,353 - 1,478 = \underline{\hspace{2cm}}$
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$\begin{array}{r} 463 \\ + 352 \\ \hline \end{array}$	$10 \times 3 = \underline{\hspace{2cm}}$	Can 783 be evenly divided by 3? Circle: 783 is evenly divisible by 3 783 is NOT evenly divisible by 3
---	--	---

Anna makes a basket for every three attempts that she makes. Ava needs five attempts to make a basket. Each basket is worth 2 points. If they each make 60 attempts, then what is the score?	$120 \div 10 = \underline{\hspace{2cm}}$
	$36 \div 4 = \underline{\hspace{2cm}}$

Name: \_\_\_\_\_

$$3 \cdot 0 \cdot 9 \cdot - \cdot 0 \cdot 7 \cdot = \cdot 3 \cdot 5 \cdot - \cdot 3 \cdot 0 \cdot 3 \cdot 5 \cdot 0 \cdot =$$

$$= \cdot + \cdot 2 \cdot 3$$

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

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

The letters F, G, J, L, N, P, Q, R, S, and Z do not have line symmetry. The rest of the letters in the alphabet do. Can you write someone's name where the complete name has line symmetry? Hint: You cannot use all of the letters. You could use B in a name, but M would not work.

$48 \div 12 = \underline{\hspace{2cm}}$

$18 \div 2 = \underline{\hspace{2cm}}$

Name: \_\_\_\_\_

Italy, Canada, Russia, Austria, and Switzerland competed in a two-run bobsled competition. The times on the first run were one minute and 56.56 seconds, one minute and 56.14 seconds, one minute and 56.72 seconds, one minute and 56.80 seconds, and one minute and 57.11 seconds.

The times on the second run were one minute and 58.72 seconds, one minute and 59.21 seconds, one minute and 58.43 seconds, one minute and 58.79 seconds, and one minute and 59.05 seconds.

Figure out the time needed for each run and the combined run time for each team.

1. The bobsled team from Switzerland clocked a combined time of three minutes and 54.93 seconds.
2. The team from Italy finished the first race in less than one minute and 56.99 seconds.
3. On the first run, the team from Russia was forty-two hundredths of a second behind the winners of the first run.
4. On the second run, the team from Canada was two seconds slower than their first run.
5. The team from Canada finished the second race in less than one minute and 59.16 seconds.
6. On the second run, the team from Austria was one second and one hundred thirty-two hundredths of a second slower than their first run.
7. The team that finished the first run in one minute and 56.80 seconds was not the team that finished the second run in either one minute and 59.21 seconds or one minute and 58.72 seconds.

Italy finished the first run in \_\_\_\_\_ and the second in \_\_\_\_\_.

Canada finished the first run in \_\_\_\_\_ and the second in \_\_\_\_\_.

Russia finished the first run in \_\_\_\_\_ and the second in \_\_\_\_\_.

Austria finished the first run in \_\_\_\_\_ and the second in \_\_\_\_\_.

Switzerland finished the first run in \_\_\_\_\_ and the second in \_\_\_\_\_.



Name: \_\_\_\_\_

Draw a line from START to END.

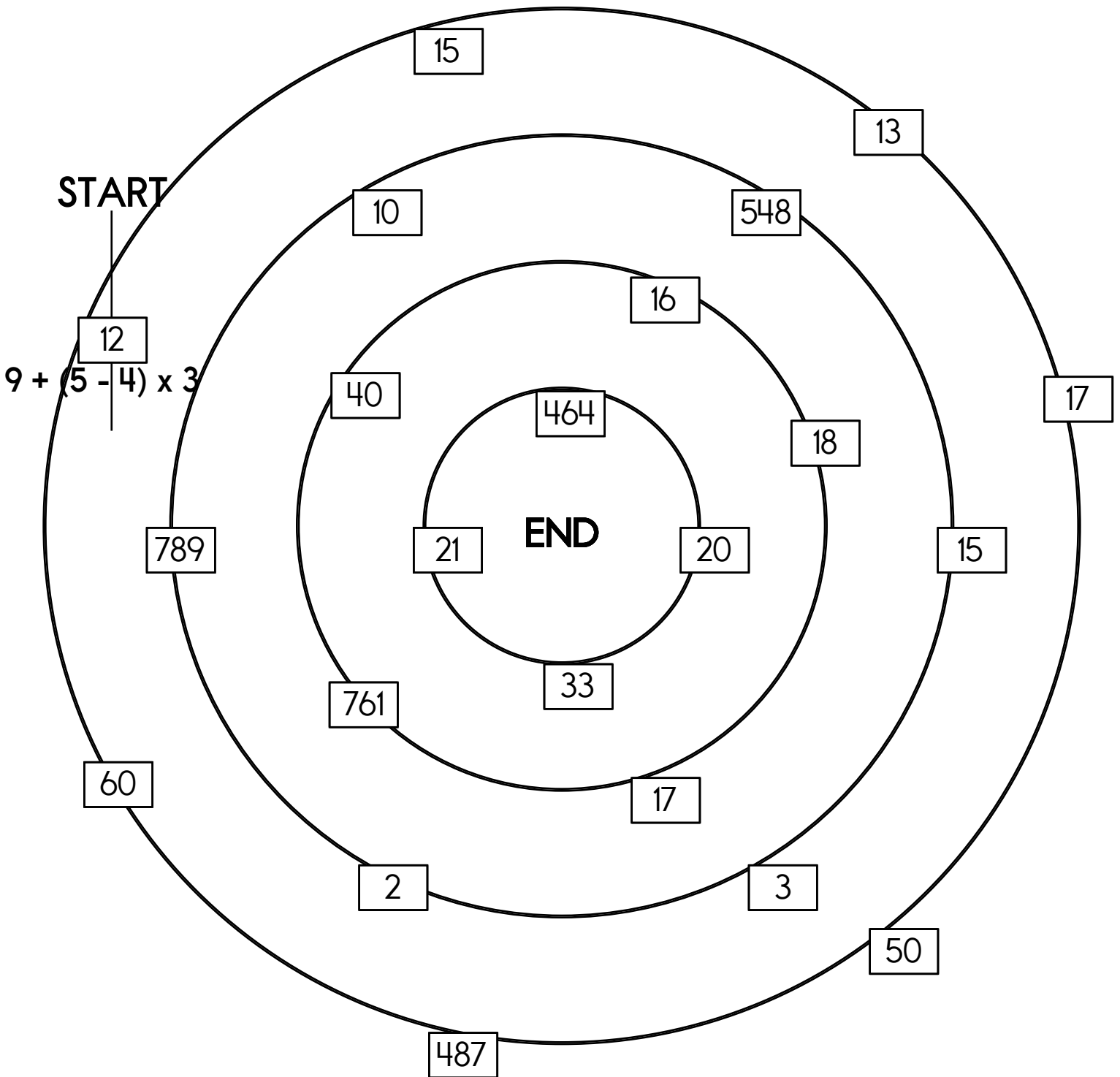
$$3 - 1 + 2 \times 9$$

~~$$9 + (5 - 4) \times 3$$~~

$$66 \div 11 + 10$$

$$5 \times 1 - (6 - 3)$$

Cross out the equation you use above and then write it below.



Name: \_\_\_\_\_

Make change. You can use \$20, \$10, \$5, \$1, 25¢, 10¢, 5¢, or 1¢.

Make \$47.56 any way you want!

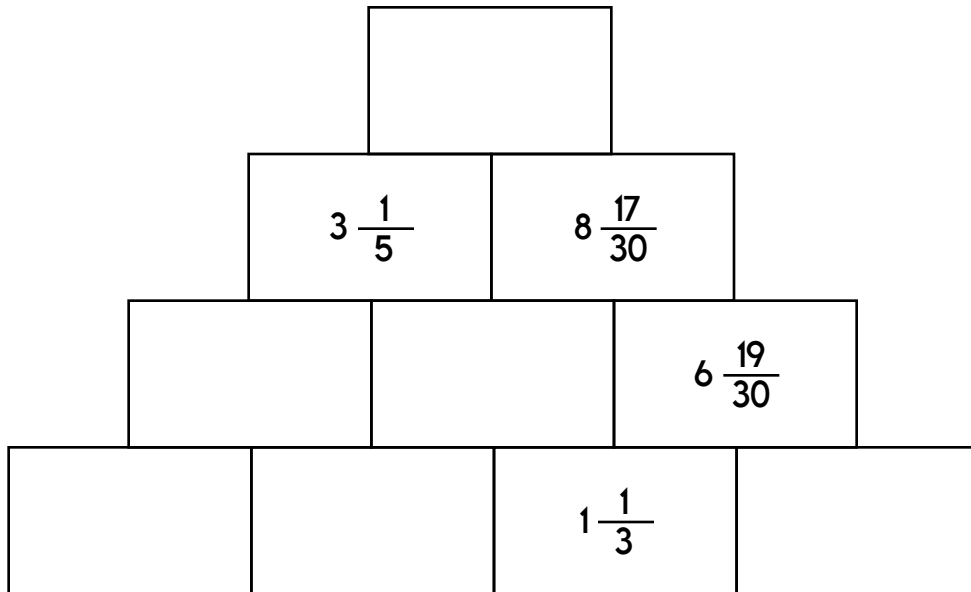
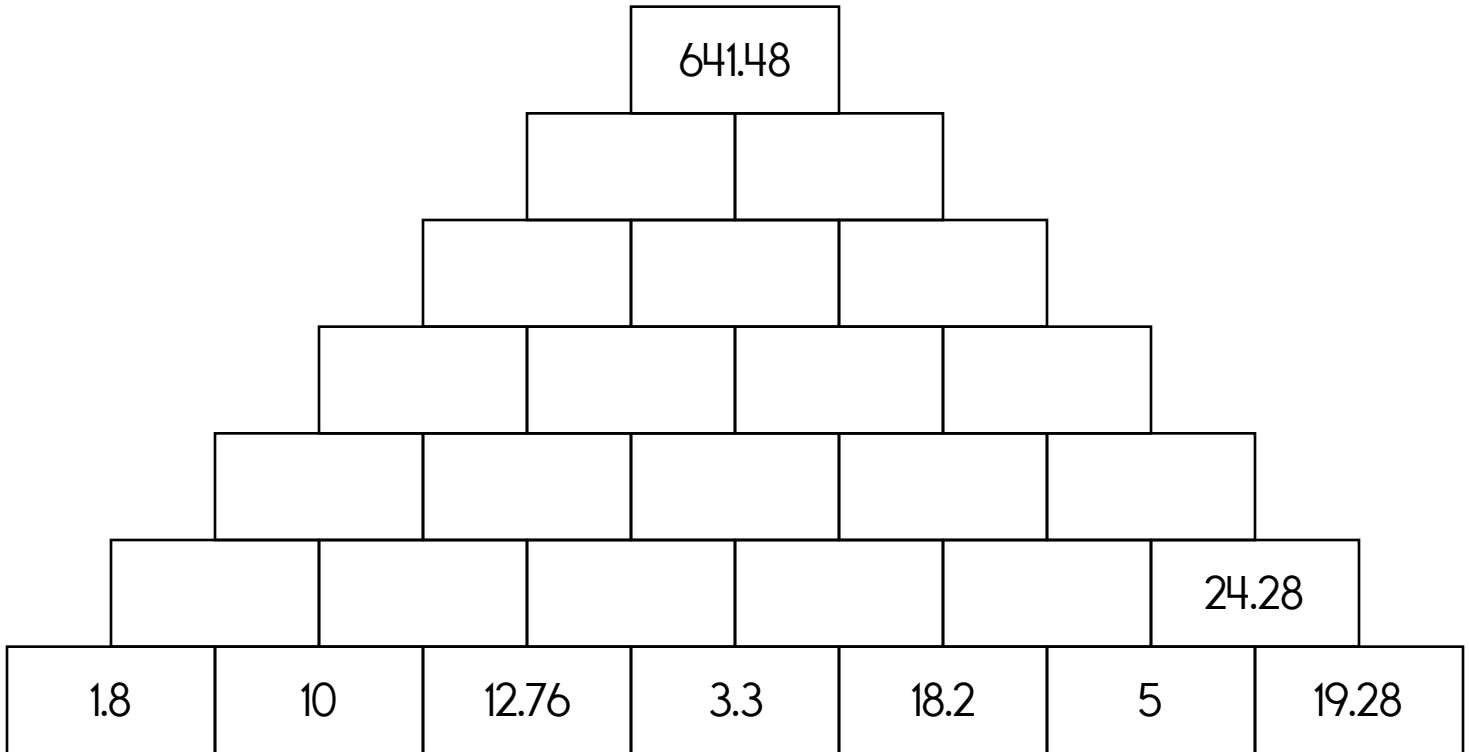
Make \$15.38 any way you want!

Make \$54.32 any way you want!

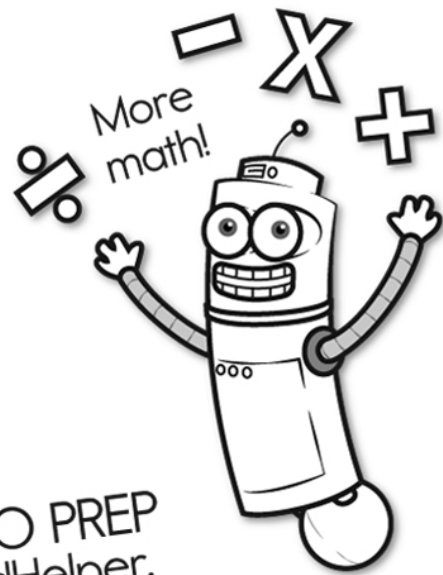
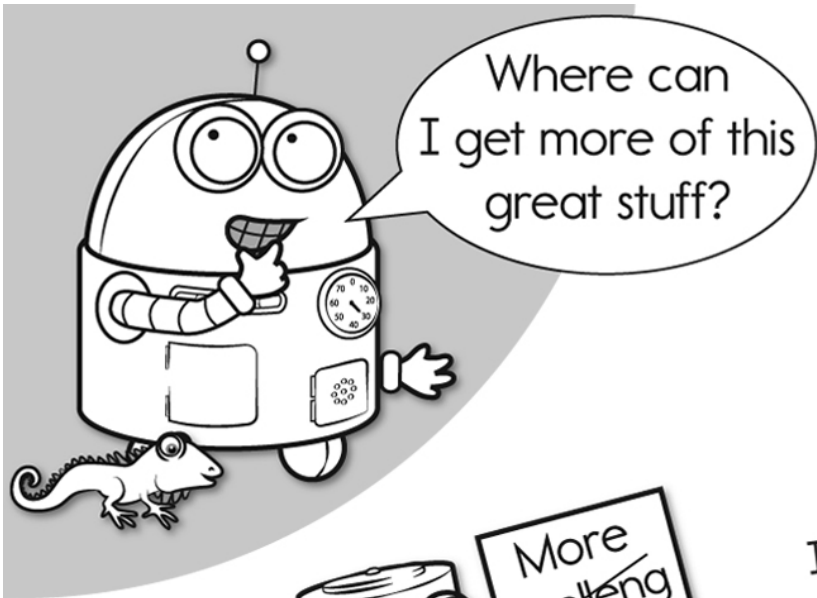
Make \$27.22 any way you want!

Name: \_\_\_\_\_

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

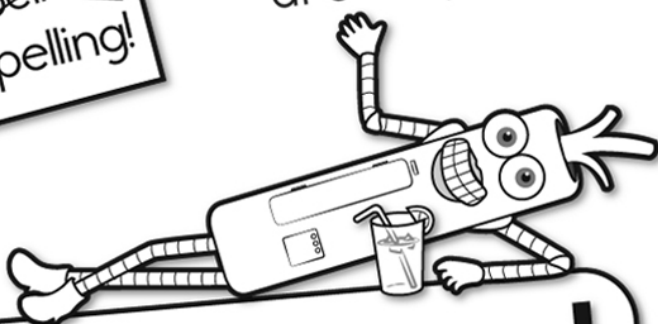


Circle the addition property for $80 + 78 = 78 + 80$ . associative property commutative property	$895 + 638 = \underline{\hspace{2cm}}$
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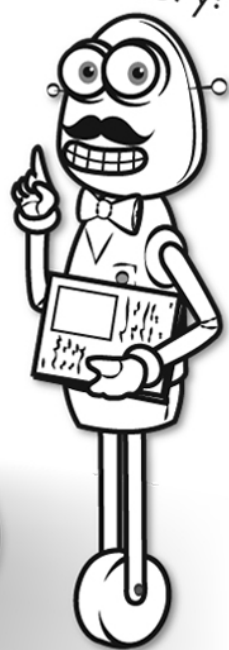


It's NO PREP at edHelper.

More history!



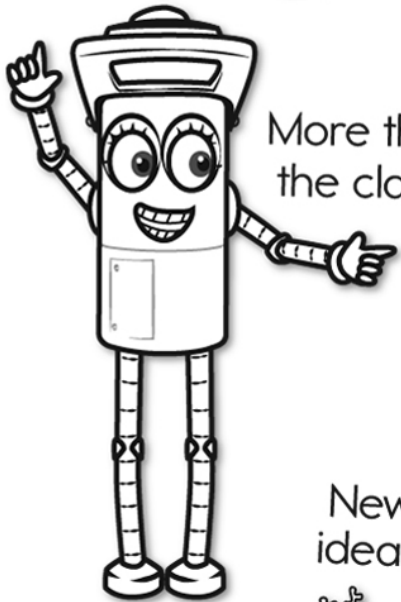
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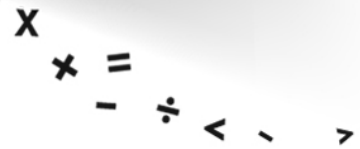
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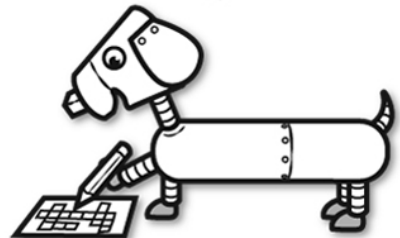
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More puzzles!



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