

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

Find the missing numbers. These both have the same rule. What is the rule?

If

$$1, 1 = 1$$

$$2, 2 = 4$$

$$3, 3 = 9$$

$$4, 4 = 16$$

Then

$$5, 5 = ?$$

If

$$8, 8 = 64$$

$$9, 9 = 81$$

$$10, 10 = 100$$

$$11, 11 = 121$$

Then

$$12, 12 = ?$$

Complete each pattern. Write what the rule is.

4	19	34	49	64
6	20	34		62
9	15	21		33
5	13		29	

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Draw 3 pictures in the correct order. Use each of the clues so you will know what to draw.



Draw 1 of these 3 pictures.  
The picture IS in the correct spot.



Draw 1 of these 3 pictures.  
The picture is NOT in the correct spot.

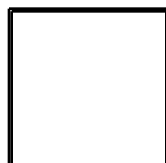
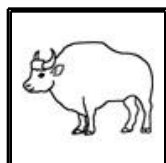
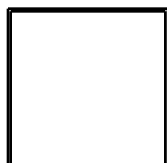


Draw 1 of these 3 pictures.  
The picture is NOT in the correct spot.



Draw 2 of these 3 pictures.  
The pictures to use are in the correct spot.

Draw the 3 pictures in the correct order:



If you exchange 80 dimes for dollars, then how many dollars would you get?

In the equation  $22 \times 480 = 10,560$ , which number is the product?

How many total legs are on 14 owls?

$$16 \div 4 =$$

Which of the following is the greatest possible 2-digit number with all different digits?

8, 10, \_\_\_\_\_, 14, 16, 18, 20, 22

$$19 + \underline{\quad} + 25 = 58$$

Is 35 a composite or a prime number?

Is 851 closer to 800 or 900?

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

Sally made 12 pumpkin pies. She sold 5 pies. How many pies were left?

There are 3 nests in the apple tree. There are 4 eggs in each nest. How many eggs are there in all?

It takes 2 minutes to cook one pancake. How many minutes does it take to cook 3 pancakes?

Write how much to add or subtract to get from the first number to the second number.

4 $\bigcirc$ +7 11	11 $\bigcirc$ 5	5 $\bigcirc$ 1	3 $\bigcirc$ 13	13 $\bigcirc$ 8
2 $\bigcirc$ 11	15 $\bigcirc$ 7	6 $\bigcirc$ 9	9 $\bigcirc$ 11	7 $\bigcirc$ 13
12 $\bigcirc$ 2	6 $\bigcirc$ 4	5 $\bigcirc$ 12	17 $\bigcirc$ 9	9 $\bigcirc$ 6

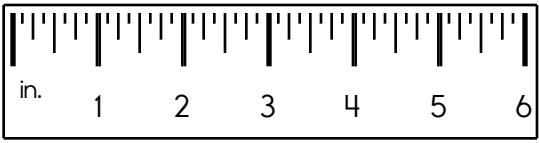
Write a word problem for  
 $10 - 2 = 8$ .

Read the word.  
Clap your hand for each syllable.  
How many syllables?

to

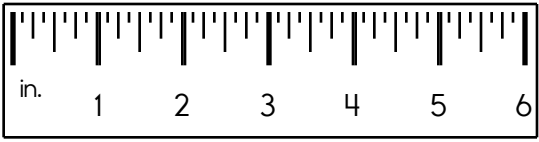
1      2      3

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

<p>The sum of two whole numbers is thirty-three. The difference between the two numbers is one. What are these two numbers?</p> <p>_____</p>	<p>Write the length in inches.</p> <p>_____</p> 	<p><input type="radio"/> troo</p> <p><input type="radio"/> tru</p> <p><input type="radio"/> true</p> <p><input type="radio"/> tro</p>
--	--	---

<p>Make a pattern. Start with 41. Add 7.</p> <p>_____, _____, _____, _____, _____, _____</p>	<p>There are 7,843 eggs to be packed into cartons. What number is in the hundreds place?</p>
<p>What is the homophone of this word? beech</p> <p>_____</p>	

<p>This polygon has two more sides than a quadrilateral. What polygon is this?</p> <p>_____</p>	<p>Count by 3s.</p> <p>18 _____</p> <p>_____ 45 _____</p>
---	---

<p>Round 582,391 to the nearest ten-thousand.</p> <p>_____</p>	<p>Write the length in inches.</p> <p>_____</p> 	<p>50 + 26</p>
--	--	--------------------

<p>How many inches are in five feet?</p> <p>_____</p>	<p>The factors of 6 are _____ 2 _____ 6</p>
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Name: \_\_\_\_\_

Fill in the blanks with  
these numbers:  
**0, 2, 2**

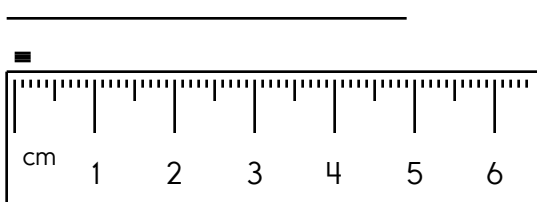
$$\begin{array}{r} 4 \quad 4 \quad \square \\ - \square \quad 7 \quad \square \\ \hline 1 \quad 7 \quad 2 \end{array}$$

Fill in the blanks with  
these numbers:  
**2, 1, 6**

$$\begin{array}{r} \square \quad 8 \quad 9 \\ - \square \quad 8 \quad 3 \\ \hline 1 \quad 0 \quad \square \end{array}$$

$$\begin{array}{r} 11 \\ \times 11 \\ \hline \end{array}$$

Write the length in centimeters.



Round to the nearest thousand.

3,428 is rounded to \_\_\_\_\_

1,523 is rounded to \_\_\_\_\_

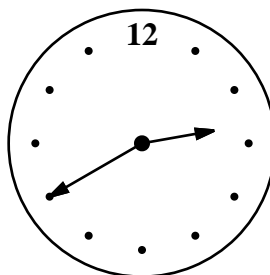
98,668 is rounded to \_\_\_\_\_

If  $C = 5$ , then what does  $C$   
plus  $C$  equal?

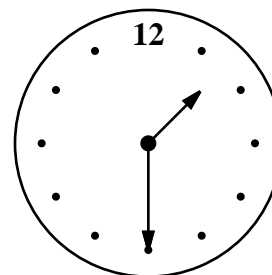
\_\_\_\_\_

How many seconds are in  
nine minutes?

\_\_\_\_\_



current time (pm)



time party starts (pm)

How long until the party? \_\_\_\_\_

What place value does the 4  
have in 63,485?

\_\_\_\_\_

If  $A = 3$ , then what does  $A +$   
 $9$  equal?

\_\_\_\_\_

- ☐ hagu
- ☐ hugge
- ☐ huge
- ☐ hugi

List the first three multiples of 12.

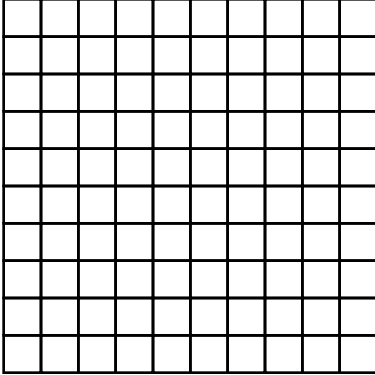
\_\_\_\_\_

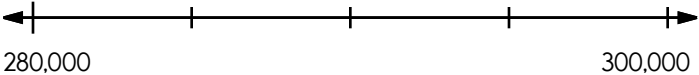
Insert punctuation marks into this  
sentence.


My cat looked at me, cocked her  
head, and said, Meow.

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

What is the value of the BIG digit?  67,89 <b>1</b> _____	$62 - 1 = \underline{\hspace{2cm}}$	If $C + C = 18$ , then what does C equal?  _____
--	-------------------------------------	--

There are five cars parked in a row exactly the same distance from each other. The first car is 25 inches from the second car. The first car is 50 inches from the third car. How far is the fifth car from the second car?  _____	Color 0.08.  	Add one hundred to 856.  _____
--	--	--------------------------------------

$55 - 54 = \underline{\hspace{2cm}}$	Locate where to put the number 295,000 and label the point J.  
--------------------------------------	---

What temperature is ten degrees below freezing in Celsius?  _____	Write the shaded part as a decimal.  _____	$\begin{array}{r} 4 \overline{)12} \\ 5 \overline{)40} \end{array}$
	Write the number for five thousand, twenty-six.  _____	

$47 + 8 = \underline{\hspace{2cm}}$	Fill in the missing fractions.  _____, $\frac{3}{10}$ , _____, $\frac{5}{10}$
-------------------------------------	---

Circle the relative adverb. That's the park where I played baseball over the summer.	Which is larger, $\frac{3}{4}$ or $\frac{6}{9}$ ?  _____
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Name: \_\_\_\_\_

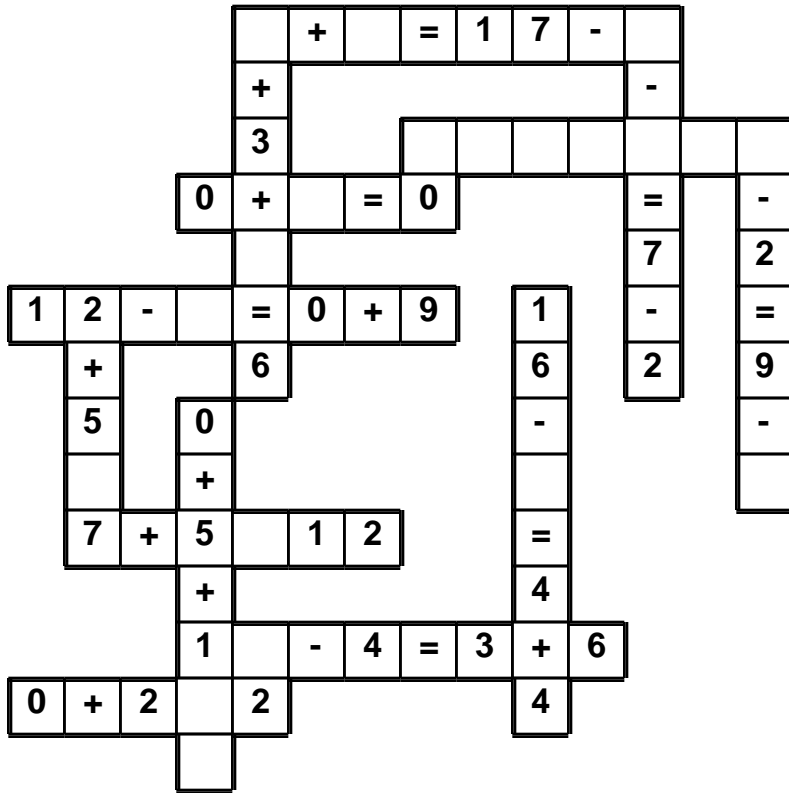
$\begin{array}{r} 51 \\ - 16 \\ \hline \end{array}$	$\begin{array}{r} 27 \\ + 54 \\ \hline \end{array}$	$\begin{array}{r} 78 \\ + 83 \\ \hline \end{array}$	$\begin{array}{r} 138 \\ - 89 \\ \hline \end{array}$	$\begin{array}{r} 96 \\ + 80 \\ \hline \end{array}$	$\begin{array}{r} 53 \\ - 10 \\ \hline \end{array}$
$\begin{array}{r} 38 \\ + 16 \\ \hline \end{array}$	$\begin{array}{r} 94 \\ - 26 \\ \hline \end{array}$	$\begin{array}{r} 103 \\ - 72 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ + 60 \\ \hline \end{array}$	$\begin{array}{r} 88 \\ + 44 \\ \hline \end{array}$	$\begin{array}{r} 129 \\ - 61 \\ \hline \end{array}$
$\begin{array}{r} 85 \\ + 18 \\ \hline \end{array}$	$\begin{array}{r} 84 \\ - 57 \\ \hline \end{array}$	$\begin{array}{r} 152 \\ - 67 \\ \hline \end{array}$	$\begin{array}{r} 153 \\ - 89 \\ \hline \end{array}$	$\begin{array}{r} 52 \\ + 80 \\ \hline \end{array}$	$\begin{array}{r} 88 \\ + 58 \\ \hline \end{array}$
$\begin{array}{r} 100 \\ - 30 \\ \hline \end{array}$	$\begin{array}{r} 28 \\ + 70 \\ \hline \end{array}$	$\begin{array}{r} 77 \\ + 49 \\ \hline \end{array}$	$\begin{array}{r} 23 \\ + 28 \\ \hline \end{array}$	$\begin{array}{r} 95 \\ - 53 \\ \hline \end{array}$	$\begin{array}{r} 92 \\ - 43 \\ \hline \end{array}$
$\begin{array}{r} 40 \\ + 96 \\ \hline \end{array}$	$\begin{array}{r} 23 \\ + 69 \\ \hline \end{array}$	$\begin{array}{r} 122 \\ - 57 \\ \hline \end{array}$	$\begin{array}{r} 71 \\ + 38 \\ \hline \end{array}$	$\begin{array}{r} 100 \\ - 58 \\ \hline \end{array}$	$\begin{array}{r} 151 \\ - 84 \\ \hline \end{array}$
$\begin{array}{r} 14 \\ + 15 \\ \hline \end{array}$	$\begin{array}{r} 31 \\ + 80 \\ \hline \end{array}$	$\begin{array}{r} 81 \\ - 59 \\ \hline \end{array}$	$\begin{array}{r} 111 \\ - 75 \\ \hline \end{array}$	$\begin{array}{r} 105 \\ - 74 \\ \hline \end{array}$	$\begin{array}{r} 38 \\ + 13 \\ \hline \end{array}$
$\begin{array}{r} 80 \\ - 34 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ + 77 \\ \hline \end{array}$	$\begin{array}{r} 38 \\ + 60 \\ \hline \end{array}$	$\begin{array}{r} 110 \\ - 81 \\ \hline \end{array}$	$\begin{array}{r} 78 \\ + 30 \\ \hline \end{array}$	$\begin{array}{r} 96 \\ - 71 \\ \hline \end{array}$

$\begin{array}{r} 6 \\ + 8 \\ \hline \square \end{array}$
$\begin{array}{r} + 6 \\ \hline \square \end{array}$
$\begin{array}{r} + 7 \\ \hline \square \end{array}$
$\begin{array}{r} 27 \\ - \square \\ \hline \end{array}$
$\begin{array}{r} 20 \\ + 2 \\ \hline \square \end{array}$
$\begin{array}{r} - 9 \\ \hline \square \end{array}$
$\begin{array}{r} + 8 \\ \hline \square \end{array}$
$\begin{array}{r} + 9 \\ \hline \square \end{array}$
$\begin{array}{r} 30 \\ + \square \\ \hline \end{array}$
$\begin{array}{r} 34 \\ - \square \\ \hline \end{array}$
$\begin{array}{r} 28 \\ + \square \\ \hline \end{array}$
$36$

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

2 • 7 • 8 • 9 • + • 0 • = • 3 • + • 6 • 0 • 1 • 3 • = • 8 • 5  
= • 3 • = • 6

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



Share 14 equally among 2.

\_\_\_\_\_

Fill in the boxes so each line equals 14.

14

x

÷

-

(  +  ) +



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

$\begin{array}{c} 96 \\ \swarrow \quad \searrow \\ 12 \quad 8 \end{array}$	$\begin{array}{c} \quad \\ \swarrow \quad \searrow \\ 6 \quad 7 \end{array}$	$\begin{array}{c} \quad \\ \swarrow \quad \searrow \\ 10 \quad 7 \end{array}$	$\begin{array}{c} \quad \\ \swarrow \quad \searrow \\ 7 \quad 6 \end{array}$	$\begin{array}{c} \quad \\ \swarrow \quad \searrow \\ 7 \quad 11 \end{array}$
$\begin{array}{c} \quad \\ \swarrow \quad \searrow \\ 8 \quad 5 \end{array}$	$\begin{array}{c} \quad \\ \swarrow \quad \searrow \\ 9 \quad 9 \end{array}$	$\begin{array}{c} 45 \\ \swarrow \quad \searrow \\ \quad 9 \end{array}$	$\begin{array}{c} 60 \\ \swarrow \quad \searrow \\ 10 \quad \quad \end{array}$	$\begin{array}{c} 96 \\ \swarrow \quad \searrow \\ \quad 12 \end{array}$
$\begin{array}{c} 72 \\ \swarrow \quad \searrow \\ 12 \quad \quad \end{array}$	$\begin{array}{c} 49 \\ \swarrow \quad \searrow \\ 7 \quad \quad \end{array}$	$\begin{array}{c} \quad \\ \swarrow \quad \searrow \\ 9 \quad 6 \end{array}$	$\begin{array}{c} 40 \\ \swarrow \quad \searrow \\ 8 \quad \quad \end{array}$	$\begin{array}{c} 77 \\ \swarrow \quad \searrow \\ \quad 7 \end{array}$
$\begin{array}{c} 72 \\ \swarrow \quad \searrow \\ \quad 9 \end{array}$	$\begin{array}{c} \quad \\ \swarrow \quad \searrow \\ 10 \quad 6 \end{array}$	$\begin{array}{c} 55 \\ \swarrow \quad \searrow \\ \quad 11 \end{array}$	$\begin{array}{c} \quad \\ \swarrow \quad \searrow \\ 10 \quad 7 \end{array}$	$\begin{array}{c} 56 \\ \swarrow \quad \searrow \\ \quad 7 \end{array}$

Find the difference  
between 573 and 88.

$$753 - 1543 =$$

Subtract 148 from 307.

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1 is written with an I.

5 is written with a V.

10 is written with an X.

50 is written with an L.

100 is written with a C.

You cannot have 4 of the same letter consecutively.

4 is written as IV.

9 is written as IX.

40 is written as XL.

So you cannot write 44 like this: XXXXIIII.

But you would write 44 like this: XLIV.

Write the number as a Roman numeral and then find the Roman numeral.

## Roman Numerals

I = \_\_\_\_\_

IV = \_\_\_\_\_

VII = \_\_\_\_\_

IX = \_\_\_\_\_

XIII = \_\_\_\_\_

XIV = \_\_\_\_\_

XVIII = \_\_\_\_\_

XIX = \_\_\_\_\_

XXI = \_\_\_\_\_

1 \_\_\_\_\_  
IVVIIIXIIII  
IXXVIXXXIII

6 VI \_\_\_\_\_  
XVXXXVIIIVI  
XXXVIVIIIVX

2 \_\_\_\_\_  
XLIXXXIIXVX  
XIIIXIIIXXVX

8 \_\_\_\_\_  
VXVIIIIXXX  
XXXIVIIIIVL

7 \_\_\_\_\_  
XVIIIIXXXII  
VIIIXLIXXXII

9 \_\_\_\_\_  
XXXLIIIXIIL  
VIVIVXIIIX

14 \_\_\_\_\_  
XXIVXIIIXIX  
XIIIXIVVIIII

13 \_\_\_\_\_  
VXXXVXIIIX  
XIIIXIXIVXXX

44 XLIV \_\_\_\_\_  
IIXLIVXIVXI  
IVXLIVVXVI

19 \_\_\_\_\_  
IXXIIXIXXXX  
VXIXIIIVIIII

29 \_\_\_\_\_  
IVIXXIXXXXI  
XLIXVXXIXV

33 \_\_\_\_\_  
XXXIIIXXXII  
XXXIIIXXVIX

26 \_\_\_\_\_  
XXVIVVVIIII  
IIXXVIXXXII

54 \_\_\_\_\_  
IIIVLVIXIIX  
LIVXXVVVII

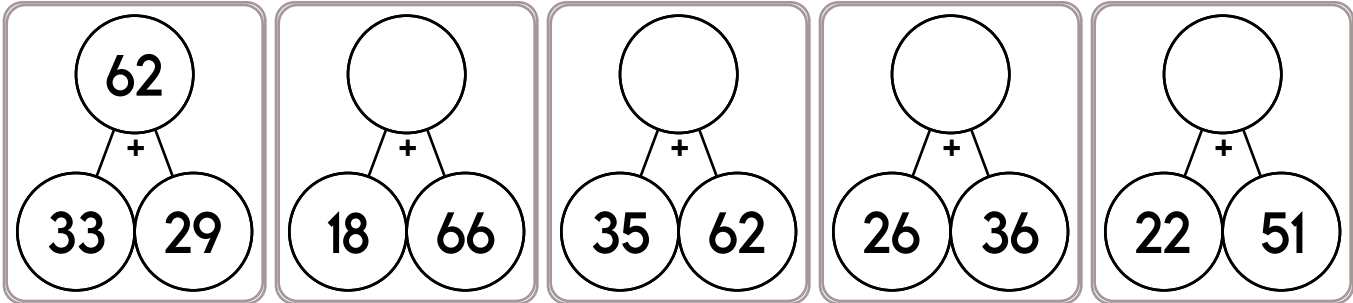
46 \_\_\_\_\_  
IVXLVIXXVI  
IIXLVIIIXIX

58 \_\_\_\_\_  
XIVIIIIIVIIII  
XXVIIIVIIIX

[illegible]

Double the number 9 three times.

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



Name the shape with four sides and four angles.

At 2 p.m. today, Sara will not be able to use her electronics for 3 hours. At what time will she be able to resume using her phone?

$$10 \div 5 \times 7$$

Write the first 8 multiples of 4.

$$\frac{1}{6561}, \frac{1}{81}, \frac{1}{9}, (1), (9), (81), (729)$$

$$10 \times \underline{\quad} = \underline{\quad} = 20 \times 5$$

$$6 \times \underline{\quad} = 66 = \underline{\quad} \times 33$$

$$8 \times 10 = \underline{\quad} = 2 \times \underline{\quad}$$

$$6 \times \underline{\quad} = 24 = \underline{\quad} \times 3$$

$$6 \times 10 + 2$$

There are 3 groups of 4 rocks. How many rocks?

The number 25 is more than the number 7 by how much?

What number is halfway between 0 and 10?

78, 84, 90, 96,  
\_\_\_\_\_, 108, 114

$$6 + 2 \times (11 + 4)$$

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$$27 \overline{) 756}$$

$$3 \overline{) 216}$$

$$40 \overline{) 880}$$

$$66 \overline{) 990}$$

$$18 \overline{) 216}$$

$$99 \overline{) 495}$$

$$15 \overline{) 270}$$

$$10 \overline{) 550}$$

D, H, \_\_\_\_\_, P, T, X

How much greater is 174 than 42?

Is 19 a composite or a prime number?

Which number has exactly 3 thousands?

Wendy has 45 books. She organized them equally into 5 boxes. How many books in each box?

How many minutes are there from 6:00 p.m. until 7:30 p.m.?

What is 18 less than 2,099?

How many total legs are on 5 dogs and 4 ants?

Round 1726 to the nearest hundred.

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

		+		+		=	
			B		B		B
+			B		A		C
		=					?
			2		17		5

### Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

$$B + C = 5 \quad B + B + B = \underline{\quad} \quad \underline{\quad} + \underline{\quad} = 2$$

$$\underline{\quad} + \underline{\quad} = 17$$

Additional hints:

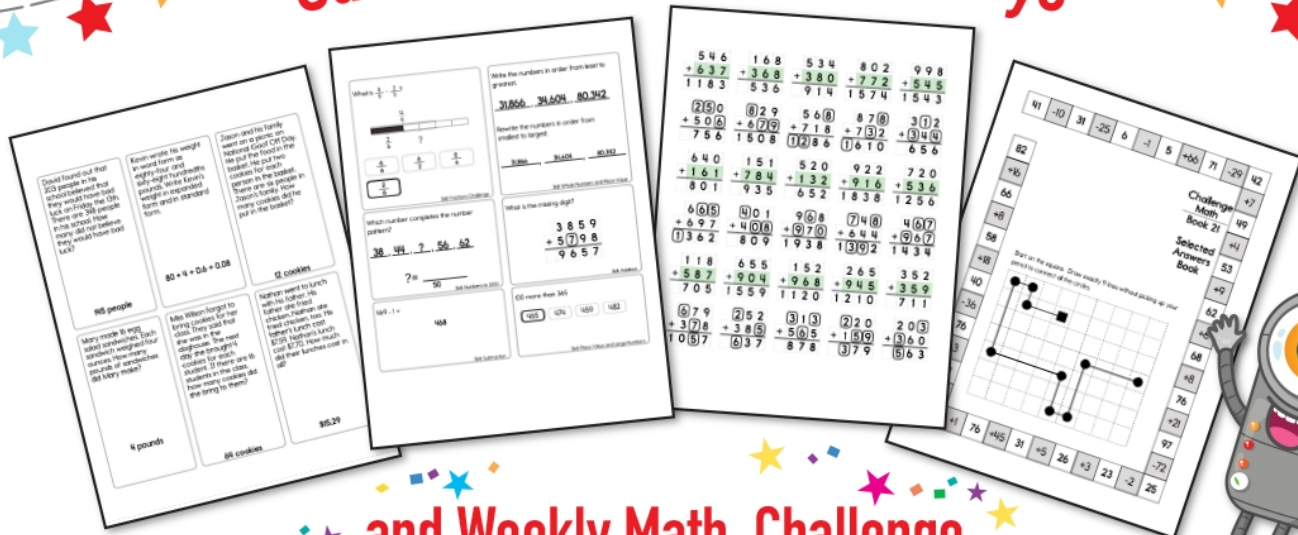
$$C = B + 3 \quad C < 13 \quad A \text{ is the largest.}$$

### Show Work:

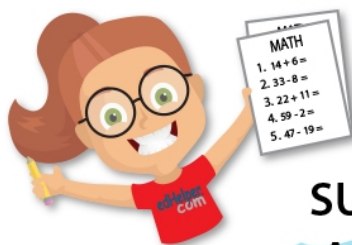
### Solve:

$$? = \underline{\quad}$$

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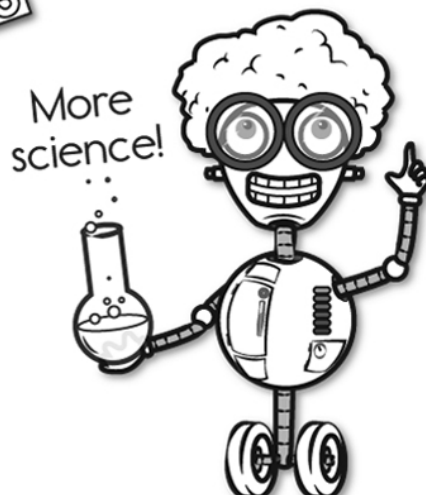
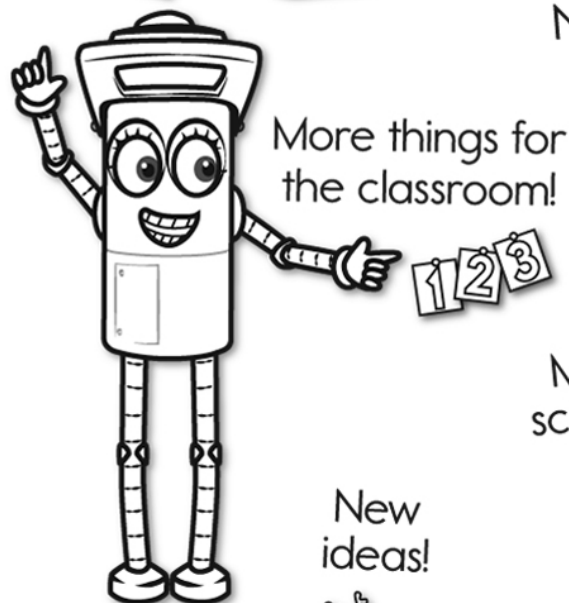
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$\times$   
 $\times =$   
 $- \div$   
 $< - >$

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