

Name: _____

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

42 x 24 = ●

● 20 x 38 =

20 x 45 = ●

● 50 x 21 =

36 x 36 = ●

● 27 x 48 =

42 x 25 = ●

● 25 x 22 =

17 x 28 = ●

● 11 x 48 =

32 x 50 = ●

● 40 x 40 =

18 x 46 = ●

● 34 x 14 =

50 x 11 = ●

● 30 x 30 =

40 x 19 = ●

● 21 x 48 =

32 x 23 = ●

● 16 x 46 =

22 x 24 = ●

● 36 x 23 =

19 x 50 = ●

● 38 x 25 =

Use a protractor to draw a 160° angle.

What angle is the complement of an angle that is 54° ?

Use a protractor to draw a 35° angle.

Name the shape with five sides and five angles.

What is the sum of 10 and 615?

$24 \div \underline{\quad} = 6$

The number 73 is more than the number 6 by how much?

Write the least possible 4-digit number using only 3 different numbers.

$15 + \underline{\quad} + 20 = 47$

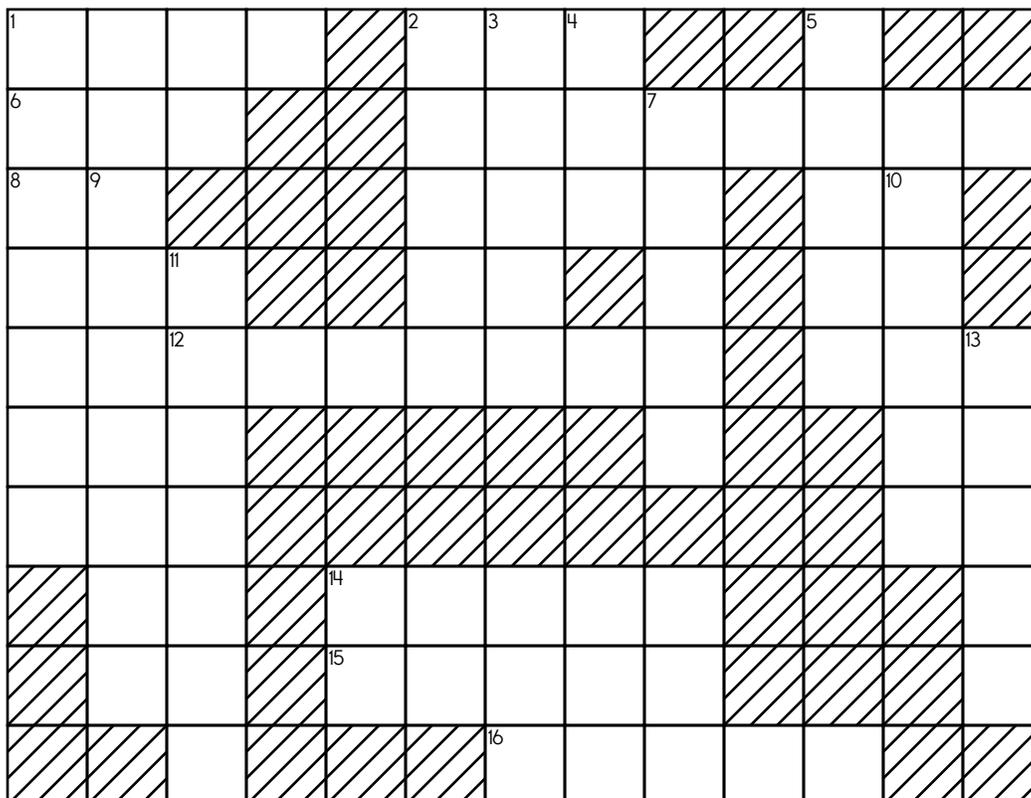
Name: _____

ACROSS

DOWN

1. the hundreds in 5-Down + the thousands in 13-Down + the tens in 4-Down
6. the tens in 5-Down + the ones in 2-Down + the hundreds in 13-Down
7. the ones in 15-Across + the ten thousands in 7-Down + the thousands in 3-Down
12. **seven million, five hundred forty-six thousand, four hundred thirty-one**
14. the ten thousands in 2-Down + the thousands in 3-Down + the tens in 13-Down + the hundreds in 7-Down
15. the ones in 7-Down + the ten thousands in 10-Down + the thousands in 14-Across + the hundreds in 2-Down
16. the ones in 13-Down + the tens in 3-Down + the thousands in 15-Across + the ten thousands in 10-Down

1. Its digits total 38
2. the ten thousands in 3-Down + the hundreds in 7-Down + the ones in 13-Down
3. sixty-five thousand, one hundred fifty-four
4. the ones in 7-Across + the hundreds in 7-Down + the tens in 5-Down
5. the ten thousands in 2-Down + the hundreds in 10-Down + the tens in 14-Across
7. seventy thousand, eight hundred nineteen
8. the thousands in 15-Across + the ten thousands in 14-Across + the ones in 7-Across + the hundreds in 10-Down
9. nine million, five hundred two thousand, three hundred fifty-five
10. the hundreds in 13-Down + the ten thousands in 14-Across + the ones in 7-Down
11. four million, seven hundred thirty-two thousand, eight hundred seventy-seven
13. eighty-two thousand, eight hundred twenty-six



Name: _____

Boston Marathon runners cover a distance of 26 miles, 385 yards. How far is that in meters? Round off your answer to three decimal places. (Note: 1 foot = 0.3048 meters)

Emily weighed her basketball. Filled with air, it weighed 3.5 pounds. If all the basketballs in the gym weighed the same amount, how much would twelve basketballs weigh?

What is $\frac{2}{3}$ of 36? Show your work.

Mrs. Hernandez sent an e-mail out to parents asking them to send balloons to class.

Mary brought in $\frac{1}{5}$ as many balloons as Connor. Connor brought in $\frac{1}{5}$ as many balloons as Sarah. Who brought in the most balloons?

Did you guess Sarah? You would be correct. She brought in 75 balloons! How many balloons did Mary and Connor bring to class?

Name: _____

What is the missing fraction?

$$\frac{2}{7} + ? = \frac{6}{7}$$

$$-9 + 13 = \underline{\quad}$$

On a number line, what is the number that is 9 to the left of 4?

$$12 + -3 = \underline{\quad}$$

$$12 - 3 = \underline{\quad}$$

Find the product of 9 and 2.

What is the sum of 10 and 625?

$$72 \div 8 \times 1$$

Cross out all of the prepositional phrases in the sentence.

In three hours we are going to the library to volunteer for story hour.

$$8 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

$$72 \div 12 =$$

Name: _____

Amy and April are at the paint store. They want to paint 5 rooms in their house. Each room has 280 square feet of wall to be painted. "How much paint do you think we should get?" Amy asks April.

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

Double the number 12 three times.

double 42 =

Name the shape with three sides and three angles.

Circle the three numbers whose sum equals 27.

8 5 12 3

20 5 17 16

14 14 6 5

$$3 \times _ = _ = 2 \times 9$$

$$8 \times _ = 40 = _ \times 10$$

$$4 \times 8 = _ = 16 \times _$$

$$6 \times _ = _ = 15 \times 4$$

$$8 \times _ = 72 = _ \times 36$$

Is 43 a composite or a prime number?

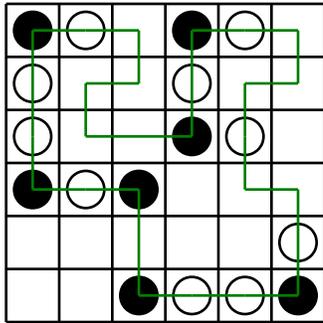
Name: _____

<p>Harry Houdini was born in March 1874. He died in October 1926. How old was he when he died?</p>	<p>Robert had 6 cups of milk. He used all of the milk to make 4 chocolate milkshakes. How many milkshakes could he make with 12 cups of milk?</p>	<p>On Wear Your Pajamas to Work Day, all $\frac{1}{2}$ of them wore red and white pajamas, and the rest of the office workers wore other colors. How many of the office workers wore other colors?</p>
--	---	---

<p>The circus is in town! Tickets are only \$7 for kids. Adults need to pay double the price of kids tickets. Rosa is bringing five of her friends in her class. Her mom is also coming. Rosa wants to pay for everyone. How much will she need to pay?</p>	$\begin{array}{r} 235 \\ + 369 \\ \hline \end{array}$	$\begin{array}{r} 606 \\ - 304 \\ \hline \end{array}$
---	---	---

<p>Can 711 be evenly divided by 7? Circle: 711 is evenly divisible by 7 711 is NOT evenly divisible by 7</p>	<p>Amanda wants to call Hannah. Hannah is on vacation in Asia. It is a time difference of fourteen hours. Hannah's time is always later than Amanda's time. If it is 4:52 P.M. where Amanda lives, then what time is it where Hannah is?</p> <p>_____</p>
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Name: _____

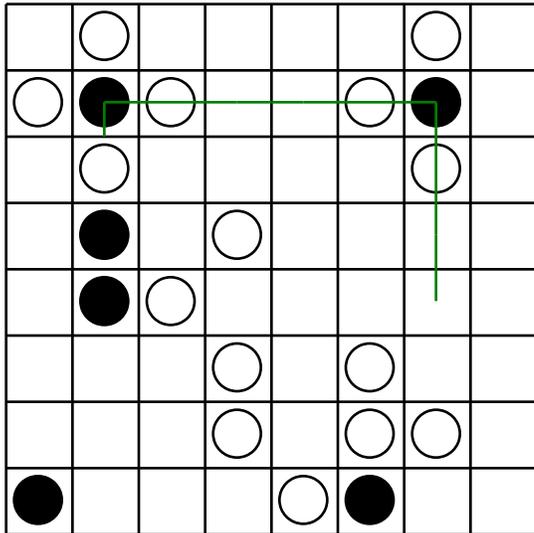


Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.

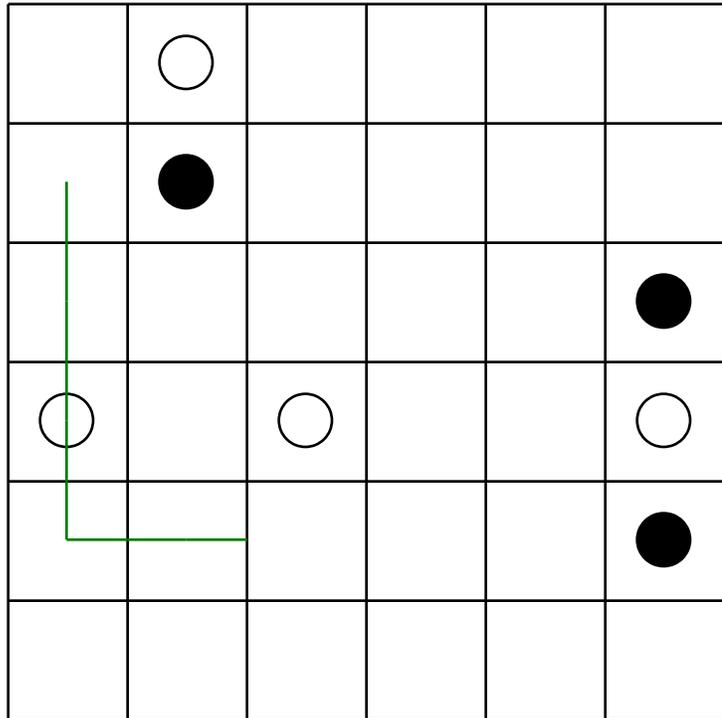
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

The puzzle on the left shows a correct line going through all the circles.

Finish the line:



Finish the line:



What time is 17 hours after 1:00 a.m.?

How many centimeters are in 40 millimeters?

_____ centimeters

How many digits are in the number of days in the current month?

1 cm = 10 mm

18 cm = _____ mm

$99 \div 11 =$

$(7 + 5) + 5 =$

Insert a comma in the correct place in this sentence.

We are studying bats in science next week aren't we?

Name: _____

Ten kids and two adults are going to the circus. Kid's tickets are on sale for only half the price of adult tickets. The total cost is \$70. How much is one kids ticket? How much is one adult ticket?

$11 \times 3 =$

$$\begin{array}{r} 86 \\ - 43 \\ \hline \end{array}$$

Write a letter that has a line of symmetry.

$$\begin{array}{r} 34 \\ + 29 \\ \hline \end{array}$$

Mary wants Erin to guess a two digit number. She tells Erin that her number has two different digits. The digits are 9 and 1. Erin thinks. She then guesses the number 19. What are the chances that Erin has guessed correctly?

Write 7,899,807 in words.

For 217,610,868,691, write the digit that is in the hundred thousands place.

Erin has two favorite numbers. If you add her favorite numbers, you get 22. If you multiply her favorite numbers, you get 112. What are her mystery numbers?

$3 \times 6 =$

Circle the smallest number:

18,752,946

303,056,721

40,187

8,946

Name: _____

$$7 \cdot 7 \cdot 1 \cdot 7 \cdot 0 \cdot 3 \cdot 1 \cdot 4 \cdot 3 \cdot 1 \cdot + \cdot 4 \cdot = \cdot 5 \cdot 5 \cdot = \cdot 9$$

$$= \cdot =$$

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

Write a letter that has two or more lines of symmetry.

Write the missing family fact.

$$112 - 43 = 69$$

$$112 - 69 = 43$$

$$69 + 43 = 112$$

Circle the greatest number:

- 9,678,234,719
- 48,065,172,938
- 257,491,306,015
- 763,945,281

Can 496 be evenly divided by 8? Circle:

- 496 is NOT evenly divisible by 8
- 496 is evenly divisible by 8

$$84 \div 7 =$$

Name: _____

Five leprechauns (Andrew, Alexander, William, Anthony, and Sarah) are each different heights (2 feet and 5 inches, 2 feet, 3 feet and 4 inches, 2 feet and 9 inches, and 3 feet and 7 inches).

Figure out how tall each leprechaun is.

1. Anthony is the tallest leprechaun.
2. Sarah is taller than Alexander and taller than Andrew.
3. Andrew is taller than Alexander.
4. William is shorter than Andrew and shorter than Alexander.

Andrew is _____ tall.

Alexander is _____ tall.

William is _____ tall.

Anthony is _____ tall.

Sarah is _____ tall.

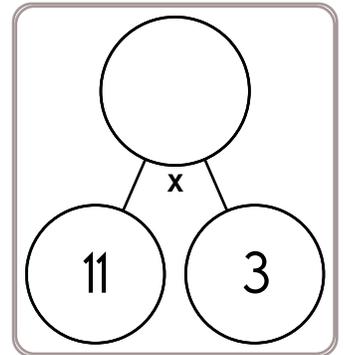
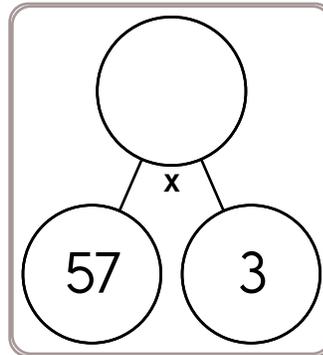
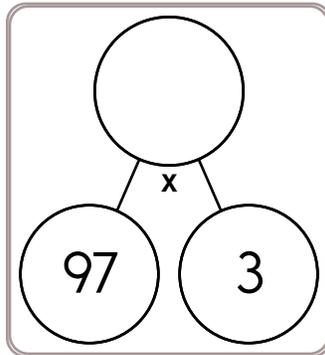
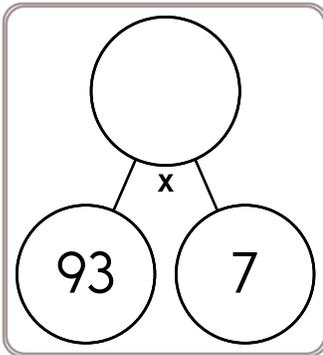
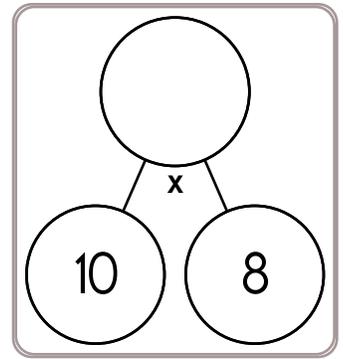
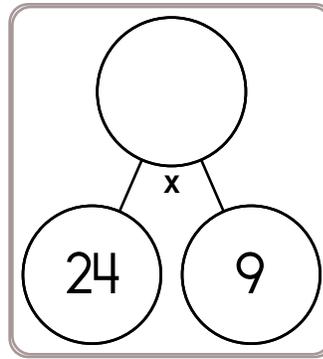
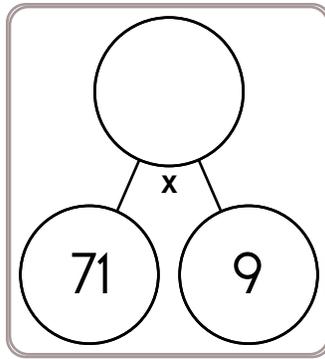
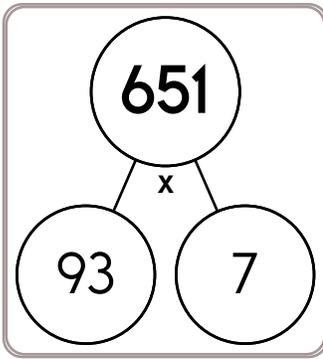
Can 641 be evenly divided by 3? Circle:

641 is evenly divisible by 3

641 is NOT evenly divisible by 3

How far do you think it is from the ground to your chin? Write an estimate of the distance you think it could be.

Name: _____



$7 \times \underline{\quad} = 14$

$\underline{\quad} \times 7 = 42$

$\underline{\quad} \times 7 = 56$

$7 \times \underline{\quad} = 35$

$\underline{\quad} \times 7 = 49$

$\underline{\quad} \times 4 = 8$

$2 \times \underline{\quad} = 4$

$4 \times \underline{\quad} = 28$

$5 \times \underline{\quad} = 35$

$\underline{\quad} \times 9 = 81$

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

$2 \times \underline{\quad} = 12$



$2 \times 2 =$

$12 \times 6 =$

$11 \times 8 =$

$2 \times 7 =$

$4 \times 4 =$

$3 \times 10 =$

$11 \times 7 =$

$10 \times 12 =$

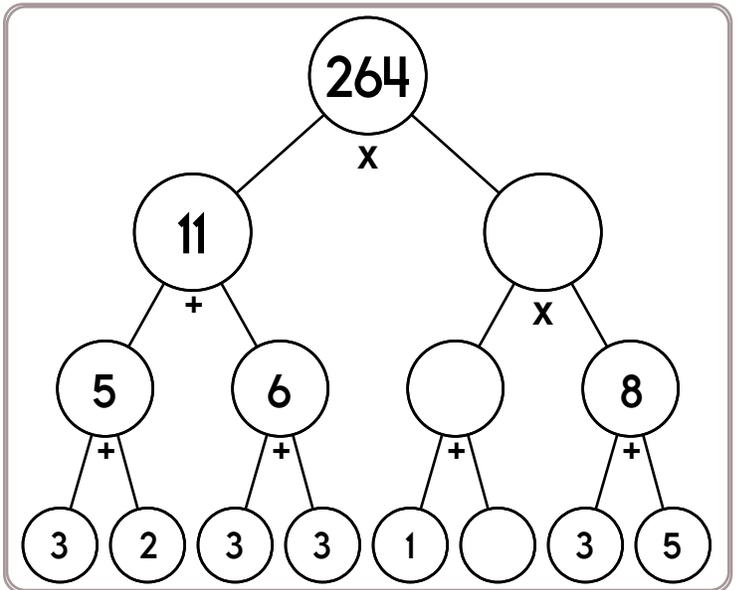
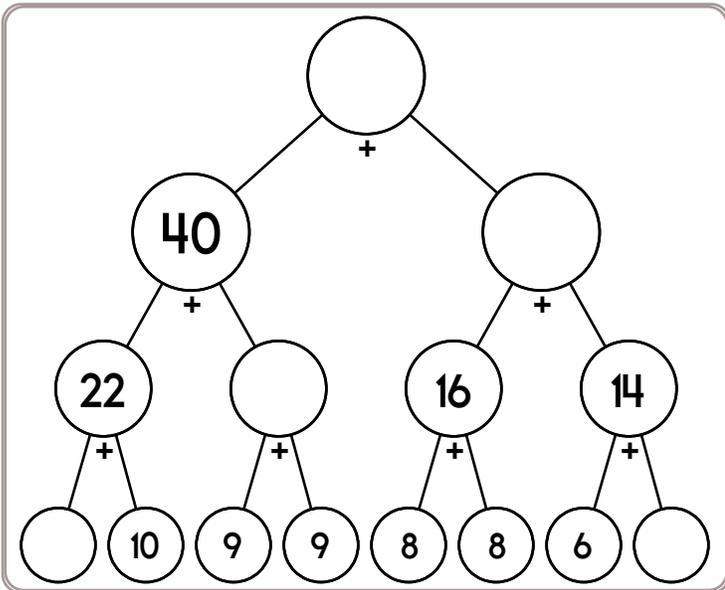
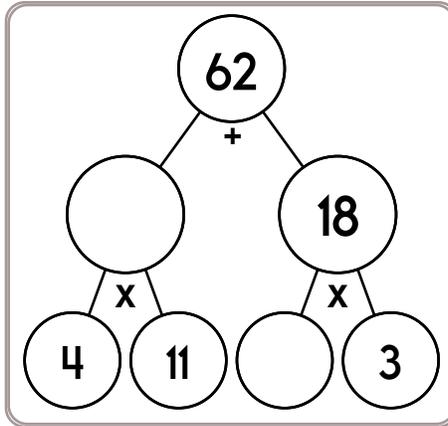
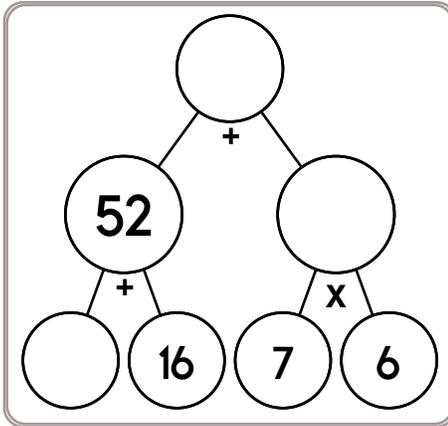
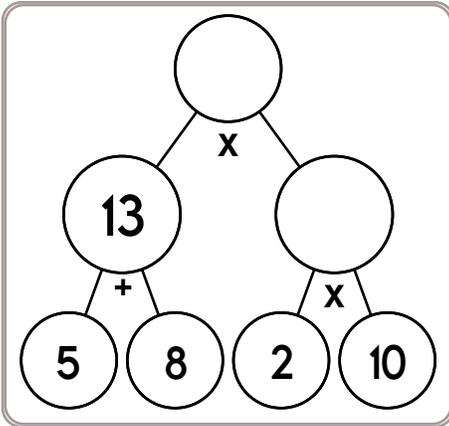
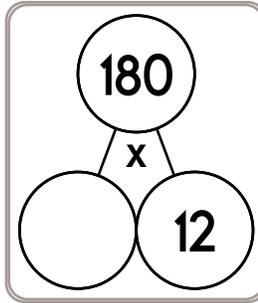
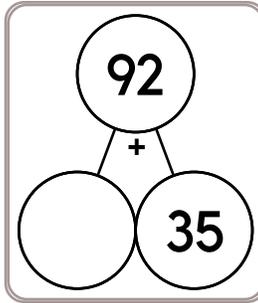
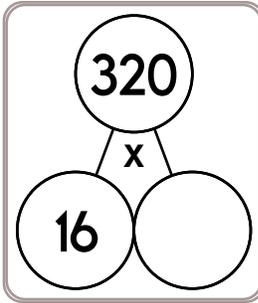
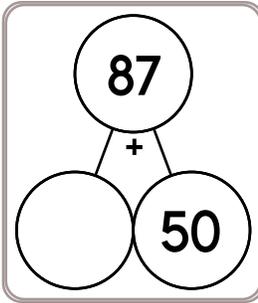
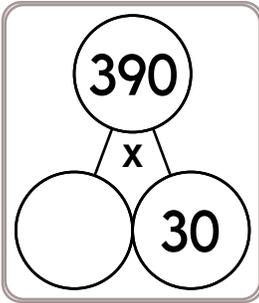
$9 \times 5 =$

$7 \times 3 =$

$4 \times 8 =$

$8 \times 12 =$

Name: _____



It was 93 degrees outside. What would the temperature be if it got 21 degrees colder?

What 6 coins add up to 72 cents?

The perimeter of a rectangle is 16 cm. The longer side is 5 cm. How long is the shorter side?

Name: _____

Write as a decimal.

$$\frac{2}{100}$$

$$\begin{array}{r} 4 \frac{6}{12} \\ + 5 \frac{5}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 83 \\ 70 \\ + 5 \\ \hline \end{array}$$

What number is 418 less than 507?

Write as a decimal.
Five and eight hundredths

$$8 - \frac{3}{4} =$$

Write as a decimal.
Eighteen and thirty-eight hundredths

$$\begin{array}{r} 5 \\ - 2 \frac{5}{7} \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 6 \\ 3 \\ + 9 \\ \hline \end{array}$$

Find the sum of 17, 14, and 50.

Subtract 139 from 554.

Find the difference between 1359 and 121.

Name: _____

$$\begin{array}{r} 822 \\ 693 \\ + 159 \\ \hline \end{array}$$

Change $\frac{90}{38}$ to a mixed number.

Use $>$, $<$, or $=$ to complete.

$$6.2 \text{ ___ } 5.8$$

$$7.7 \text{ ___ } 7.2$$

$$8.3 \text{ ___ } 7.8$$

$$7.47 \text{ ___ } 7.95$$

$$8.5 \text{ ___ } 8.6$$

$$0.3 \text{ ___ } 0.26$$

$$6.04 \text{ ___ } 6.19$$

Reduce $\frac{8}{12}$ to its lowest terms.

Use $>$, $<$, or $=$ to complete.

$$29.7 \text{ ___ } 29.88$$

$$400 \text{ ___ } 402.94$$

$$326 \text{ ___ } 329.7$$

$$25.7 \text{ ___ } 25.700$$

$$199 \text{ ___ } 196.1$$

$$29.53 \text{ ___ } 29.5$$

$$8.900 \text{ ___ } 8.9$$

Find the sum of 82 and 596.

Write the decimal in words.
38.26

Write as a decimal.
Nine and six tenths

$$\begin{array}{r} 5 \\ 2 \\ + 8 \\ \hline \end{array}$$



Name: _____

Can you guess the word?

No duplicate letters can be used.

T H R O N E

The letter T is in the word and is in the correct spot.

O **Y** S T E R

The letter Y is in the word, but Y is not in that spot.

A B C D E F G H I J K L

A list of letters will be given that have not been used. Good luck!

Hint: There are no duplicate letters in the answer.

V	O	Y	A	G	E
I	S	L	A	N	D
L	I	Z	A	R	D

B C F H J K M P Q T U W X

--	--	--	--	--	--

Let's check if you guessed correctly. Look across or down to find the correct answer.

LVRLRIBALDAYXVFLVIG
 AOREAYILXLYDEBNLRNL
 VYBOYORIBOVYALZJORA
 GASJBKNRSSXRVDZGAL
 KGMRDASARYRASVNNLJS
 YESNBISLANDMWEANILV

Hint: There are no duplicate letters in the answer.

G	U	I	T	A	R
M	I	N	U	T	E

B C D F H J K L O P Q S V W X Y Z

--	--	--	--	--	--

Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

TETUBUITBLIYRIF
 GPNUFMEMQUREEVF
 PEUMTGIGPMDMIUT
 TUMBPUENUUPTUTR
 MPRMUWZMUITIXUT
 NEETUEIUPTTEYNT
 GANRMKPPIUEAUAI
 NDTRLEEENZTPRIZ

Hint: There are no duplicate letters in the answer.

S	T	R	E	A	M
I	M	P	U	T	E

B C D F G H J K L N O Q V W X Y Z

--	--	--	--	--	--

Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

EEMQNERPMMITIIIEONNI
 TRMEETPERMEMUJMTNIU
 JSIIENNNSFIIISLEEQTU
 TPMTMFXPMTMNETCETDU
 ANWMSPUUGIRMUANTXPS
 EPMJIDUPTHEEGTUDUMN
 TTUMBNQTI RMMAEEANTN
 TTTPEMRIETSIMMTMTRT

Name: _____

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

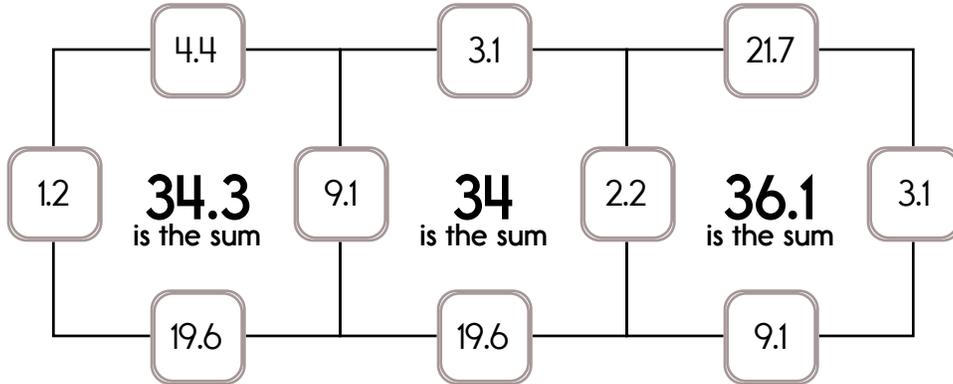
Example:

$$1.2 + 9.1 + 4.4 + 19.6 = 34.3$$

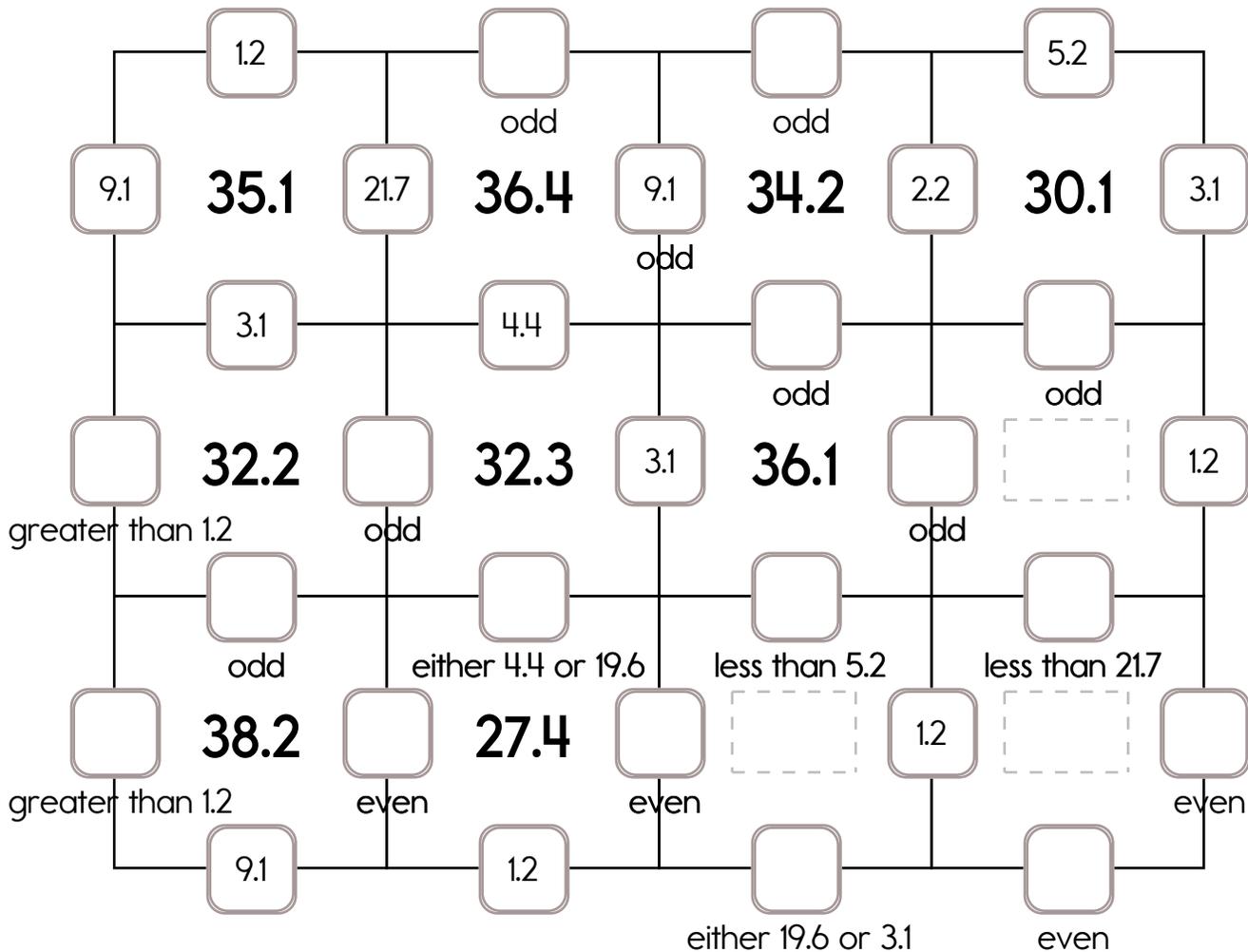
Example:

$$2.2 + 3.1 + 21.7 + 9.1 = 36.1$$

Sample:



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 21.7, 24.4, or 19.6. The other three numbers have to all be DIFFERENT and must be from these: 2.2, 5.2, 4.4, 1.2, 3.1, or 9.1.



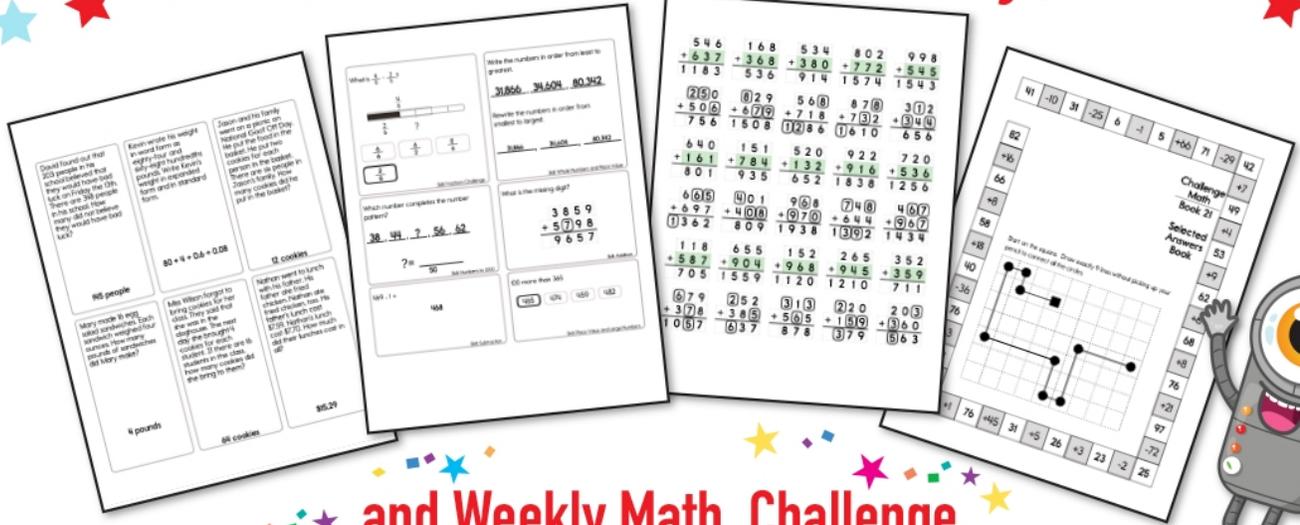
Name: _____

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 17.2, 20.3, or 12.1. The other three numbers have to all be DIFFERENT and must be from these: 2.6, 0.8, 5.4, 3.8, 1.8, or 8.5.

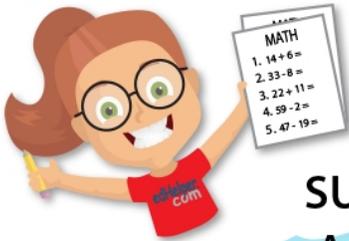
	3.8		5.4					
8.5	30.3	17.2	34.9	8.5		3.8	31.3	1.8
	0.8		3.8		1.8			
	31.9		34.9		32.9		33.7	5.4
	29.1		22.1		22.1		17.3	
	33.2		18.5		19.3		23.6	
	33.7		24					

greater than 5.4
 greater than 5.4
 either 12.1 or 8.5
 even
 less than 20.3
 either 3.8 or 8.5
 odd
 odd
 less than 17.2
 less than 12.1
 greater than 1.8
 greater than 8.5
 less than 20.3
 even
 odd
 either 3.8 or 17.2
 even
 odd
 either 3.8 or 0.8
 either 2.6 or 3.8
 even
 even
 odd
 either 12.1 or 5.4
 even
 even
 odd
 less than 20.3
 greater than 1.8
 less than 17.2

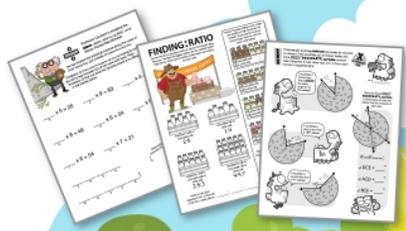
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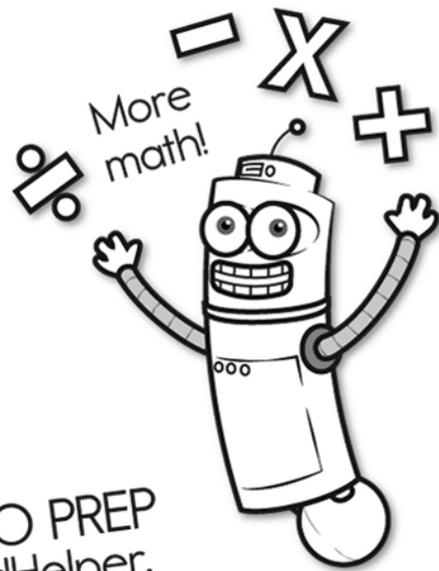
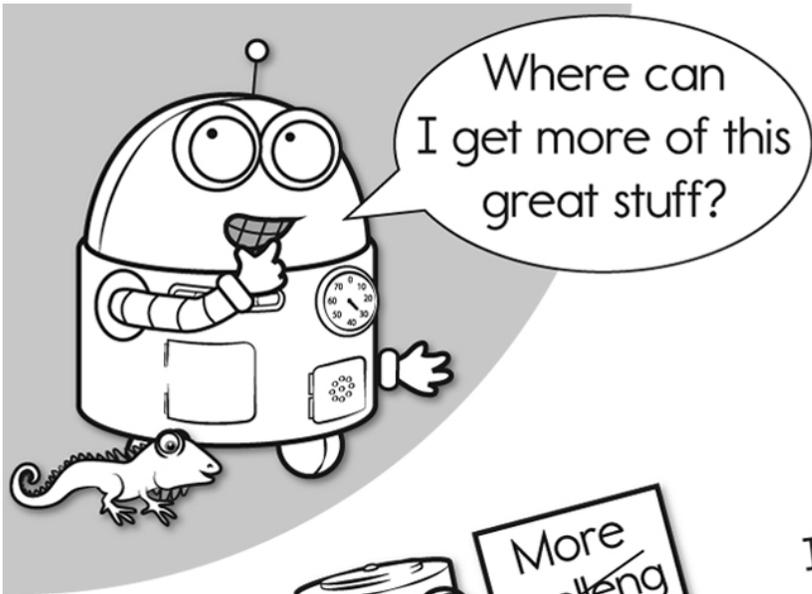
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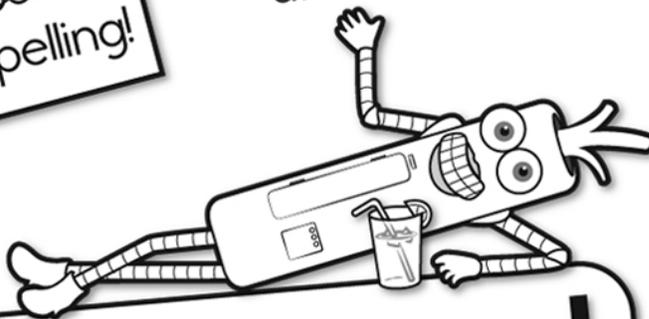


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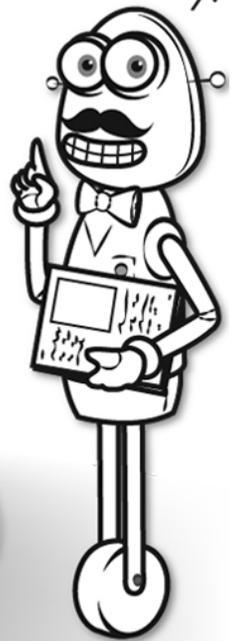


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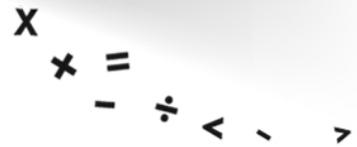
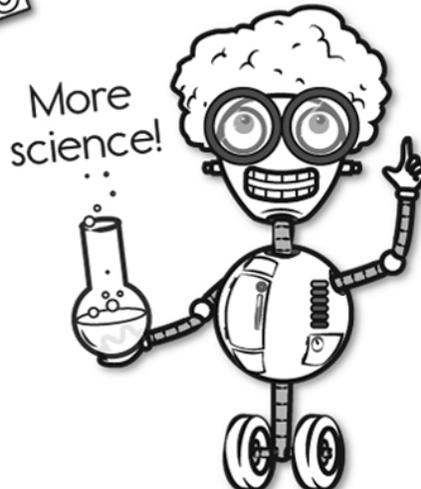
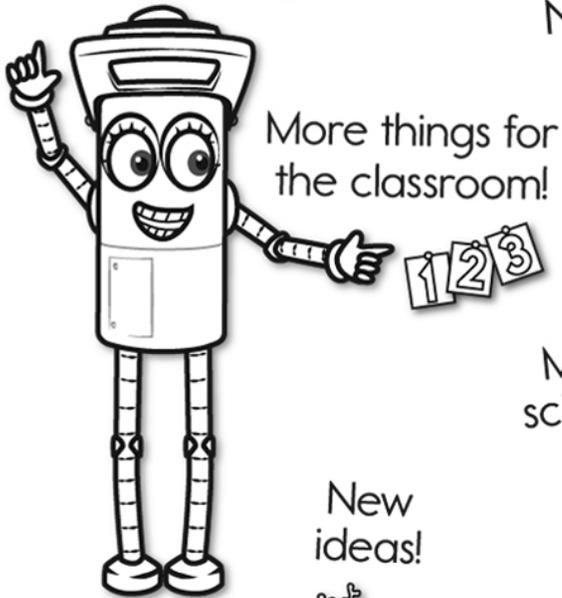
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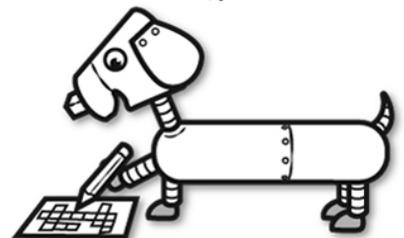


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