

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

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

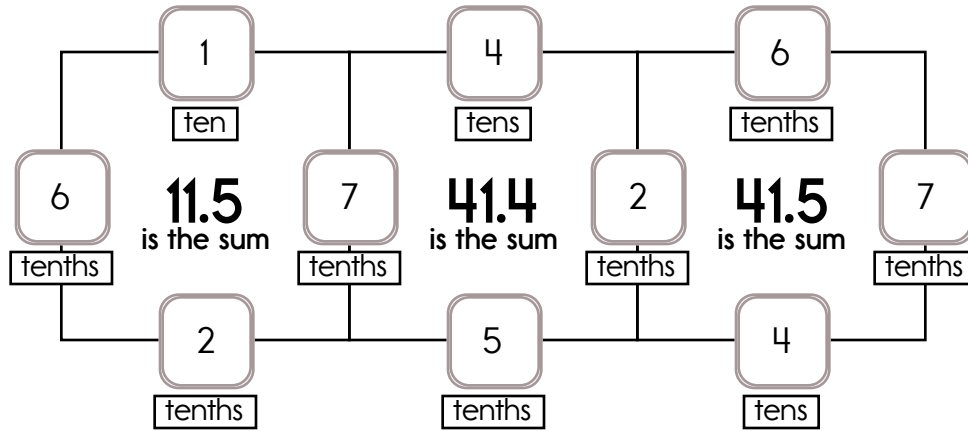
Example:

$$0.6 + 0.7 + 10 + 0.2 = 11.5$$

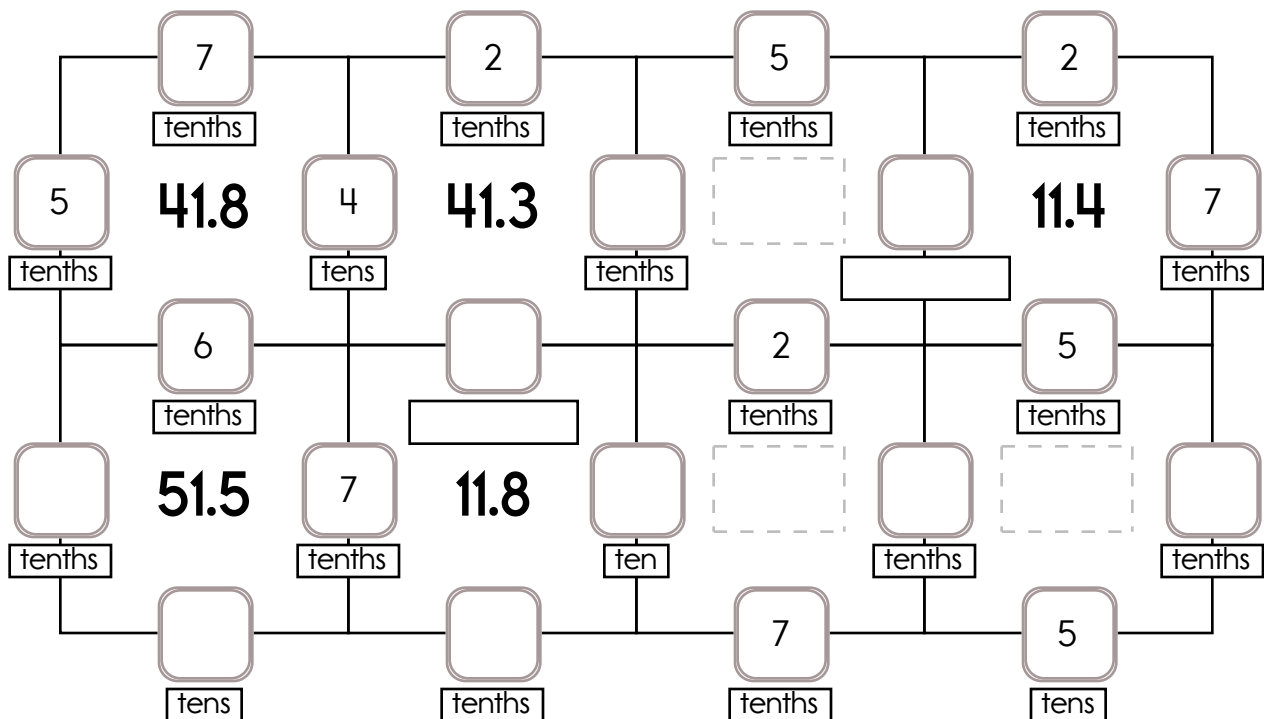
Example:

$$0.2 + 0.7 + 0.6 + 40 = 41.5$$

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: 5 tens, 1 ten, or 4 tens. The other three numbers have to all be DIFFERENT and must be from these: 7 tenths, 5 tenths, 6 tenths, or 2 tenths.



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

	+	+	=	
	B	A	C	22
+	B	B	B	27
=	?	10	21	

**Equations and Hints:**

Each letter is a whole number.

Fill in the equations using the chart:

$$A + B = 10 \quad C + \underline{\quad} = 21 \quad \underline{\quad} + \underline{\quad} + \underline{\quad} = 27$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = 22$$

Additional hints:

**C is the largest.**     $B < 15$      $B = A + 8$

**Show Work:**

**Solve:**

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

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

Hunter went to the library to find a book about South Africa. He chose three books to check out. The first book was short. It only had 76 pages. The other two books were longer. One had 222 pages, and the other one had 381 pages. How many pages did the three books have in all?

Mrs. Lee keeps score for the Mountain Springs High School basketball team. During the championship game, Robert scored nine points, Jacob scored six points, Adam and David scored sixteen points each, Connor scored thirty-one points, and the rest of the players didn't score. What was the total number of points the MSHS scored?

Carol's Candies made a certain number of pecan clusters for Candy Month. The number of clusters is between 455 and 555. The tens digit is three more than the ones digit. The sum of the tens and ones digits is 9. How many pecan clusters were made?

Hunter made a box to keep his dog's treats. The box is a rectangle 11 inches long and 8 inches wide. What is the perimeter of the box?

Every day of school, Aunt Gina made 2 sandwiches for herself and each of her 5 brothers. She put 3 slices of ham in each sandwich. How many slices of ham did Aunt Gina use in 7 school days?

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

There are 10 stacks of books on the table. There is 1 book in the first stack, 4 books in the second stack, 9 books in the third stack, and 16 books in the fourth stack. Following the same pattern, how many books are in the 10th stack?

The state capitol building was completed in 1820. In 2024 the building was 2 century 0 decades 4 years old. How old, in years, was the building in 2024?

Two prime numbers are each greater than 1 and less than 21. When these two prime numbers are added together, they have a sum of 16.

What are the two prime numbers?

Fill in the missing numbers.

$$\underline{\hspace{2cm}} \times 11 = 21 + 12$$

$$\underline{\hspace{2cm}} \times 7 = 46 + 31$$

$$\underline{\hspace{2cm}} \times 9 = 26 + 46$$

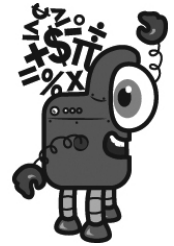
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Mental Math

— #1 —

- Start with the product of 3 and 11.

33



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

1 2 2 5 8 6 7 5 3 0 (Circle your answer to double check you are correct.)

- Multiply by 10.

8 7 5 1 9 3 6 0 4 3

\_\_\_\_\_

- Add half of 10.

9 5 7 2 6 5 8 6 6 0

\_\_\_\_\_

- Divide by 5.

4 1 3 2 1 5 7 5 8 6

\_\_\_\_\_

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

6 4 5 9 2 1 1 4 8 7

\_\_\_\_\_

- Multiply by 10.

3 4 8 4 0 8 6 1 1 2

\_\_\_\_\_

- Add 5 hundreds.

5 4 0 7 1 3 7 8 6 2

\_\_\_\_\_

- Divide that number in half.

2 7 0 2 1 8 4 7 3 6

\_\_\_\_\_

- Divide by 10.

8 2 7 2 7 1 3 6 6 4

\_\_\_\_\_

- Round that number to the nearest ten.

7 3 0 0 1 5 3 8 4 8

\_\_\_\_\_

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

<p>Jacob has a big collection of baseball cards! He is very proud of them. He has 100 cards in all. He gave <math>\frac{3}{4}</math> of his cards to his brother.</p> <p>How many cards does he have left?</p>	<p>There are 215 books to put on shelves. If each shelf will hold about 9 books, how many shelves will it take to hold all the books?</p>	<p>Eric bought a tiny turtle for \$1.25 and turtle food for \$0.37. He gave the clerk \$2. How much change did he get?</p>
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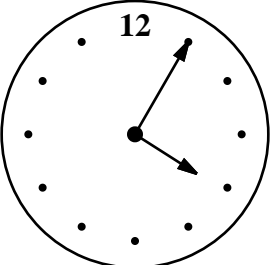
Write the number for seven thousand, five hundred ninety.

\_\_\_\_\_

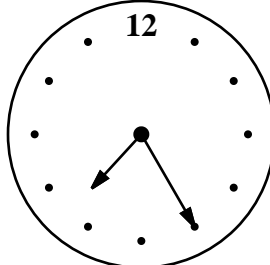
Fill in the boxes so each line equals 13.

13		
13	x	□
52	÷	□
□	-	4
( □	-	□ ) + 12

$$\begin{array}{r} 40 \\ + 40 \\ \hline \end{array}$$



current time (pm)



time party starts (pm)

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

If twenty-seven crayons are divided into nine equal rows, how many crayons are in each row?

\_\_\_\_\_

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### Sudoku Sums of 11

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 11.

Here is an example of a sudoku sum of 11:



	1		6		
2			1		
5					4
		1			
		4			5
		5			

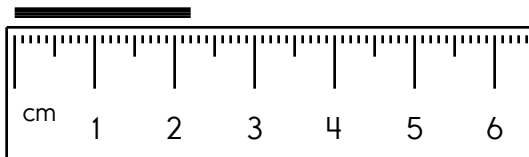
$$6 \overline{)36}$$

Do you use A.M. or P.M. to write the time you eat breakfast?

\_\_\_\_\_

Write the length in centimeters.

\_\_\_\_\_



$$\begin{array}{r} 76 \\ - 13 \\ \hline \end{array}$$

It is 87 degrees Fahrenheit outside. What would you wear if you are going outside?

\_\_\_\_\_

The factors of 18 are 1 \_\_\_\_\_ 9 \_\_\_\_\_

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

What are 10 equal to? _____	Color in $\frac{1}{2}$ . <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; width: 30px; height: 30px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px;"></div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; width: 30px; height: 30px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px;"></div> </div>	List the first three multiples of 11. _____
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<h3>Playing Sports</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; padding: 5px;">Basketball</td> <td style="padding: 5px;">     </td> </tr> <tr> <td style="padding: 5px;">Soccer</td> <td style="padding: 5px;">     </td> </tr> <tr> <td style="padding: 5px;">Hockey</td> <td style="padding: 5px;">    </td> </tr> </table> <p style="margin-top: 10px;">How many students play soccer?</p> <p>_____</p> <p style="margin-top: 10px;">Which sport do most students play?</p> <p>_____</p>	Basketball		Soccer		Hockey		Which is smaller, $\frac{1}{3}$ or $\frac{2}{3}$ ? _____	$\begin{array}{r} 38 \\ - 33 \\ \hline \end{array}$
Basketball								
Soccer								
Hockey								
Circle the even numbers. 26    101    86    73 76    90    49    42 39    66    107    59		$\begin{array}{r} 17 \\ + 52 \\ \hline \end{array}$						

Make a pattern. Start with 63. Subtract 7. _____, _____, _____, _____, _____, _____	Write two odd numbers that when added together equal the even number 18. _____
--	---

How many inches are in two feet? _____	Color $\frac{41}{100}$ . <div style="border: 1px solid black; width: 100%; height: 100%; display: flex; flex-wrap: wrap;"> <div style="width: 50%; height: 50%;"></div> <div style="width: 50%; height: 50%;"></div> <div style="width: 50%; height: 50%;"></div> <div style="width: 50%; height: 50%;"></div> <div style="width: 50%; height: 50%;"></div> <div style="width: 50%; height: 50%;"></div> <div style="width: 50%; height: 50%;"></div> <div style="width: 50%; height: 50%;"></div> </div>	What is the value of the BIG digit? 9,985,93 <b>8</b> _____
Calculate the product of 6 and 9. _____		



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

$$\begin{array}{r} 36 \\ + 77 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ - 76 \\ \hline \end{array}$$

$$\begin{array}{r} 71 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ + 35 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ + 54 \\ \hline \end{array}$$

$$\begin{array}{r} 102 \\ - 62 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ + 69 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ - 40 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ + 42 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ + 50 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 121 \\ - 31 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ - 57 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ + 64 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ + 17 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ - 16 \\ \hline \end{array}$$

$$\begin{array}{r} 115 \\ - 32 \\ \hline \end{array}$$

$$\begin{array}{r} 123 \\ - 35 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ + 49 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ + 88 \\ \hline \end{array}$$

$$\begin{array}{r} 134 \\ - 79 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ + 29 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ + 92 \\ \hline \end{array}$$

$$\begin{array}{r} 133 \\ - 78 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ - 20 \\ \hline \end{array}$$

$$\begin{array}{r} 165 \\ - 99 \\ \hline \end{array}$$

$$\begin{array}{r} 82 \\ + 17 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ + 84 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ - 17 \\ \hline \end{array}$$

$$\begin{array}{r} 164 \\ - 93 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ - 31 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ + 34 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ + 84 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ + 90 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ + 53 \\ \hline \end{array}$$

$$\begin{array}{r} 95 \\ + 97 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ - 42 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ - 44 \\ \hline \end{array}$$

$$\begin{array}{r} 61 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ + 92 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 5 \\ \hline \square \\ + 9 \\ \hline \square \\ + 5 \\ \hline 25 \\ - \square \\ \hline 18 \\ + 8 \\ \hline \square \\ + 9 \\ \hline \square \\ + 2 \\ \hline 37 \\ - \square \\ \hline 29 \\ - \square \\ \hline 25 \\ + \square \\ \hline 32 \\ + 4 \\ \hline \square \end{array}$$

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

= • 0 • 4 • 4 • 2 • 7 • 9 • 3 • 9 • x • 1 • = • 9 • 1 • 2 • 0  
= • 3 • 2 • =

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

Is 71 smaller than 17?

\_\_\_\_\_

Cross out all of the prepositional phrases in the sentence.

Sandy and Jen ate in the diner, drove to the movie, and talked through the night.

What polygon has four sides?

\_\_\_\_\_

$$4 \overline{)32}$$

$$3 \overline{)12}$$

Do you use A.M. or P.M. to write 8:00 in the morning?

\_\_\_\_\_

Round the number to the place value of the BIG number.

728,283,914

\_\_\_\_\_

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

sixty-five 65

eighty \_\_\_\_\_

ninety-two \_\_\_\_\_

fifty-nine \_\_\_\_\_

seventy-eight \_\_\_\_\_

ninety \_\_\_\_\_

53 fifty-three

64 \_\_\_\_\_

80 \_\_\_\_\_

70 \_\_\_\_\_

52 \_\_\_\_\_

77 \_\_\_\_\_

$80 + 4 = \underline{\quad}$

60 and 3 make         .

$60 + \underline{\quad} = 60$

         and 1 make 51.

$\underline{\quad} + 6 = 76$

80 and          make 85.

2 more than 51 is         

1 more than 77 is         

3 more than 89 is         

9 more than 63 is         

7 more than 88 is         

9 more than 72 is         

4 more than          is 73

         more than 50 is 55

         more than 78 is 79

9 more than          is 95

         more than 54 is 61

6 more than          is 71

         is less than 77.

         is greater than 65.

There are          tens in 85.

There are          ones in 62.

         is 8 more than 38

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$$20 \overline{) 244}$$

$$36 \overline{) 576}$$

$$24 \overline{) 72}$$

$$44 \overline{) 880}$$

$$18 \overline{) 456}$$

$$20 \overline{) 756}$$

$$8 \overline{) 288}$$

$$36 \overline{) 216}$$

How many tens are in the number 40?

$$22 + \underline{\quad} + 20 = 58$$

Is 35 a composite or a prime number?

Is 35 a composite or a prime number?

What number is halfway between 0 and 10?

$$415 + 6 =$$

Circle the seven numbers whose sum equals 40.

8    4    7    4  
9    9    9    5  
3    7    8    3

P, P, 5, 5, 4, P, P,  
\_\_\_\_\_, 5, 4, P, P, 5, 5,  
4, P

You have a playdate in 120 minutes. How many hours is that?

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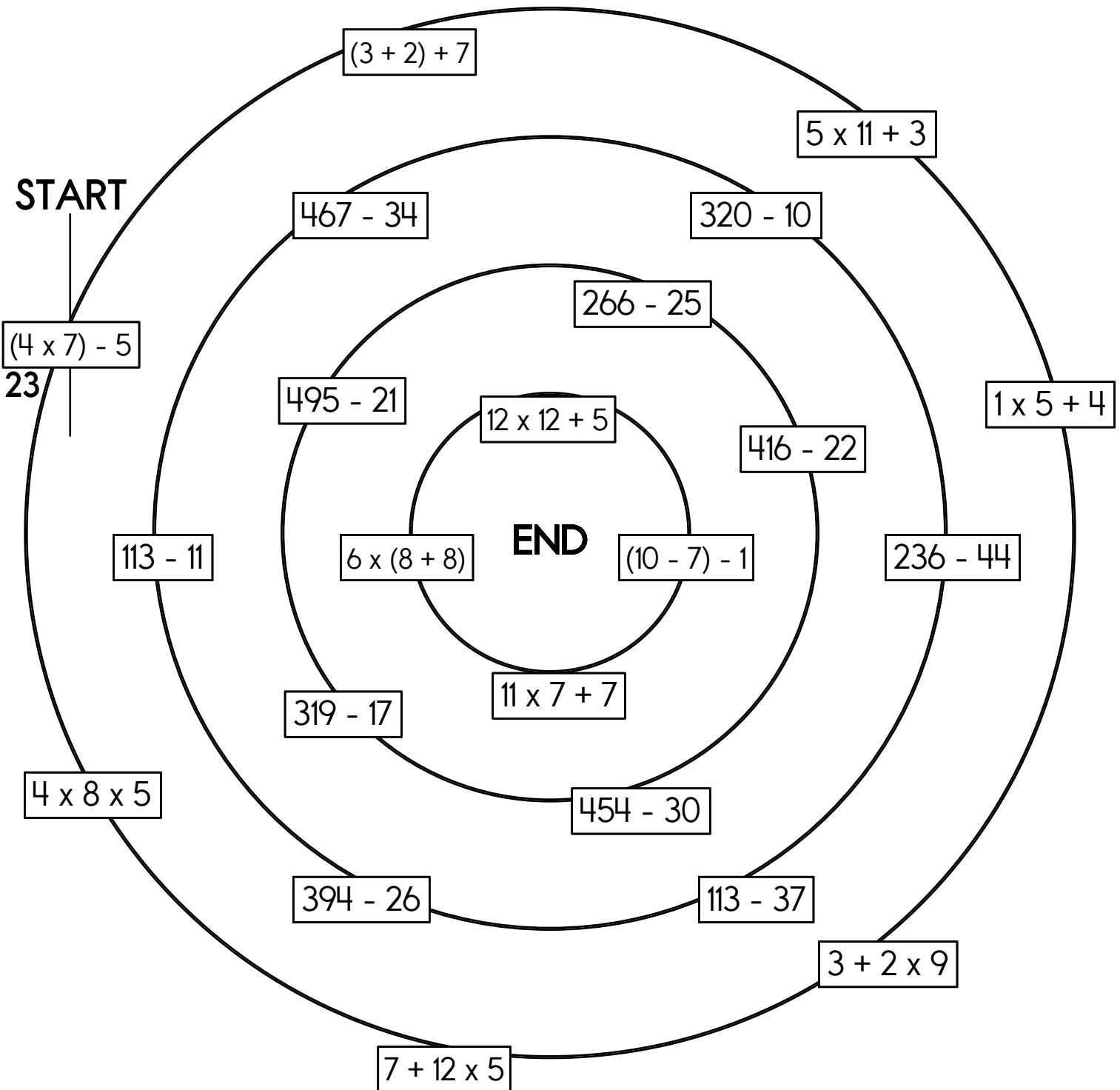
Draw a line from START to END.

$$\begin{array}{r} \cancel{23} \\ 84 \end{array}$$

$102$

$302$

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



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

Use each of the blocks to spell four different words.  
Hint: Use the words chord and stain.

<del>C</del> <del>H</del>	N	D	<del>A</del> <del>I</del>	<del>S</del> <del>T</del>	<del>O</del> <del>R</del>	K
			<del>N</del>	<del>Q</del>	<del>O</del> <del>R</del>	D

1.	S	T	A	I		2.	L	O	O	
3.	F	O	N		4.	C	H	O	R	

Write the hidden word. Start at one letter and then move either left or right. Continue in same direction.

<table border="1" style="width: 100%;"> <tr><td>T</td><td>F</td><td>R</td></tr> <tr><td></td><td></td><td>E</td></tr> <tr><td>H</td><td></td><td></td></tr> <tr><td></td><td>G</td><td>I</td></tr> </table> <p>_____</p>	T	F	R			E	H				G	I	<table border="1" style="width: 100%;"> <tr><td>R</td><td>U</td><td>C</td></tr> <tr><td></td><td></td><td>S</td></tr> <tr><td>I</td><td></td><td></td></tr> <tr><td></td><td>O</td><td>U</td></tr> </table> <p>_____</p>	R	U	C			S	I				O	U	<table border="1" style="width: 100%;"> <tr><td>I</td><td>N</td><td>G</td></tr> <tr><td></td><td></td><td>U</td></tr> <tr><td>L</td><td></td><td></td></tr> <tr><td></td><td>L</td><td>I</td></tr> <tr><td></td><td></td><td>W</td></tr> <tr><td></td><td></td><td>N</td></tr> </table> <p>_____</p>	I	N	G			U	L				L	I			W			N
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		W																																										
		N																																										

Try to spell some words.

ck • lad • wa • at • it • ~~h~~ • rt • cha • im • der • dle  
 nee • ch • sy • ~~r~~ • ~~fa~~ • clo • wi • sa • ew • tr • ck  
 noi • fl • th

father \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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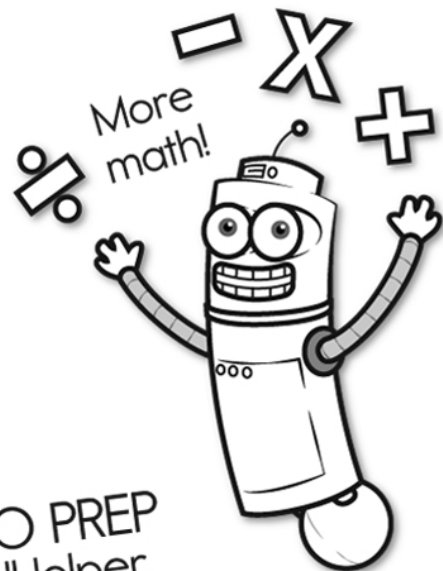
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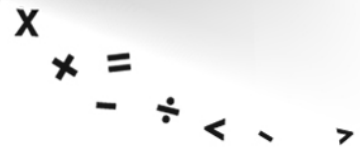
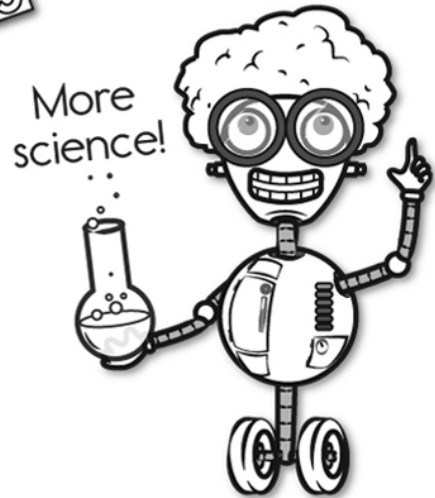
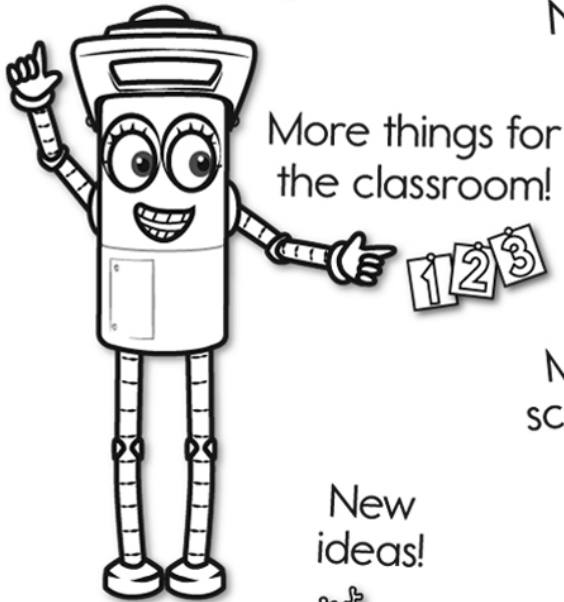


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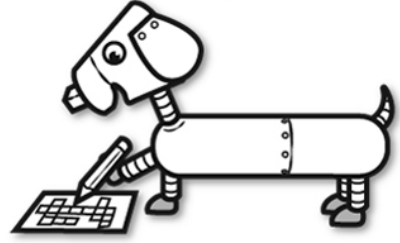


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