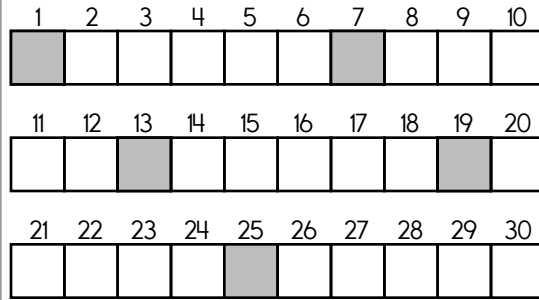


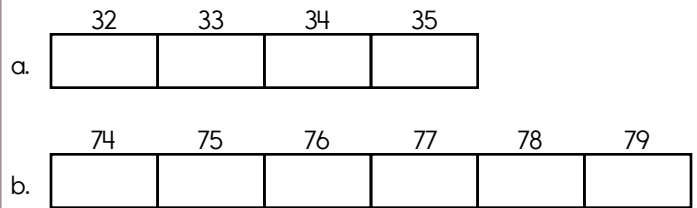
Name: _____



In the above grid, each box has a length of 1 unit and a width of 1 unit. Using the above grid, draw three different rectangles. Two of the rectangles should each have a perimeter of 18 units. The third rectangle should have a perimeter of 10 units.



If this pattern continues, color how these squares would look:

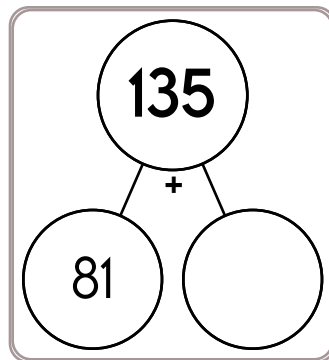
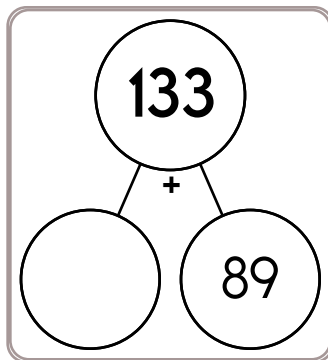
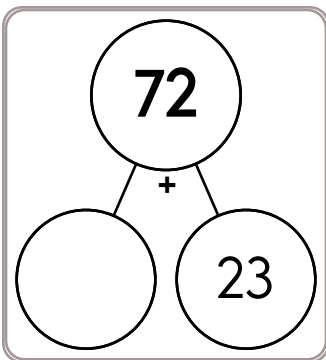
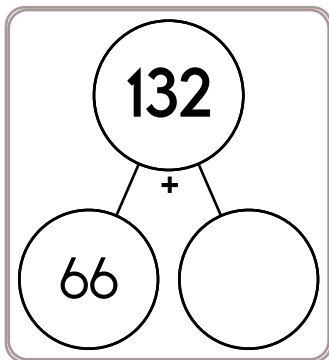
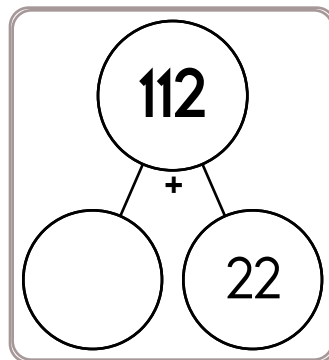
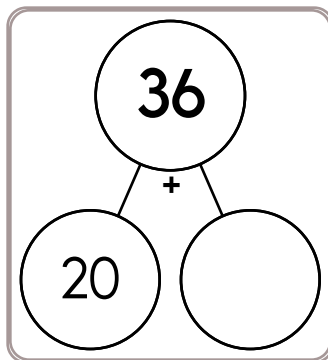
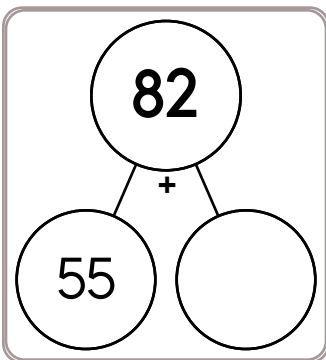
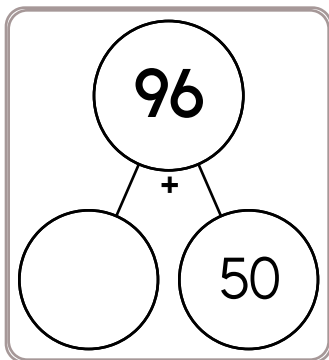
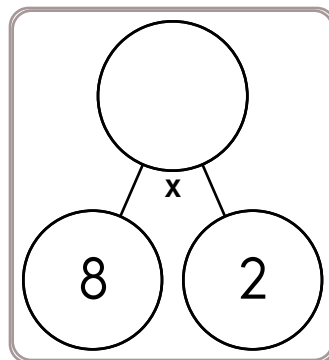
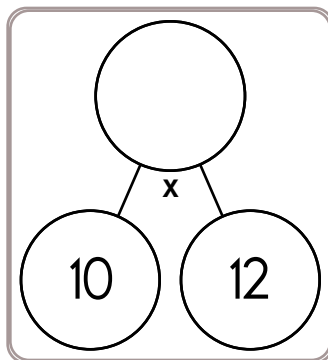
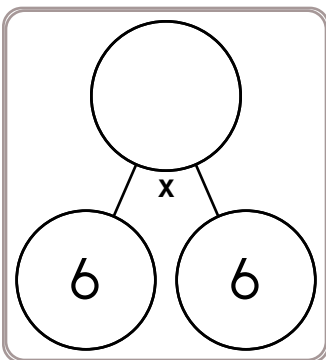
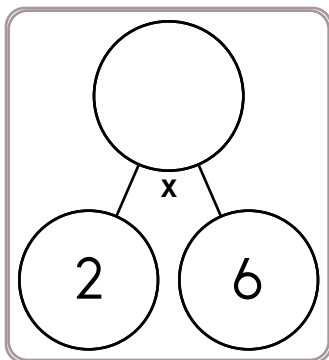
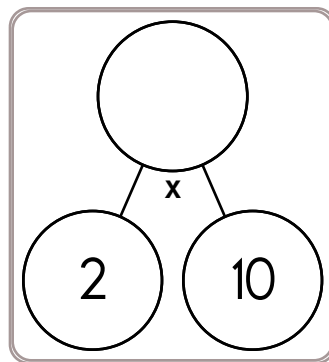
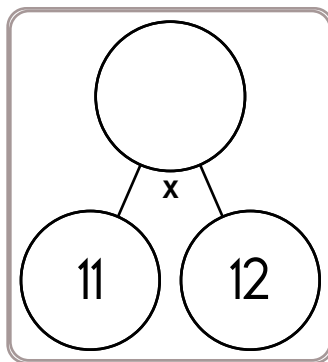
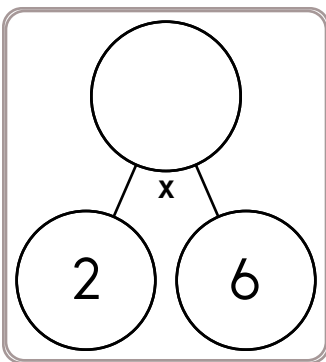
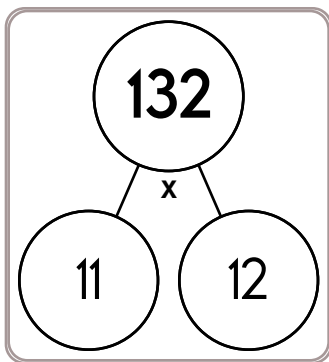


Draw two different rectangles using the vertices.

It has been an intense softball season. April, Maria, and Emily are friends, but they all are on different teams in the league. April's team has won 10 games and lost 6 games. Maria's team has won 6 games and lost 10 games. Emily's team has won 9 games and lost 7 games.

Which team has the best record?

Name: _____



$$\begin{array}{r} 77 \\ - 50 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ - 16 \\ \hline \end{array}$$

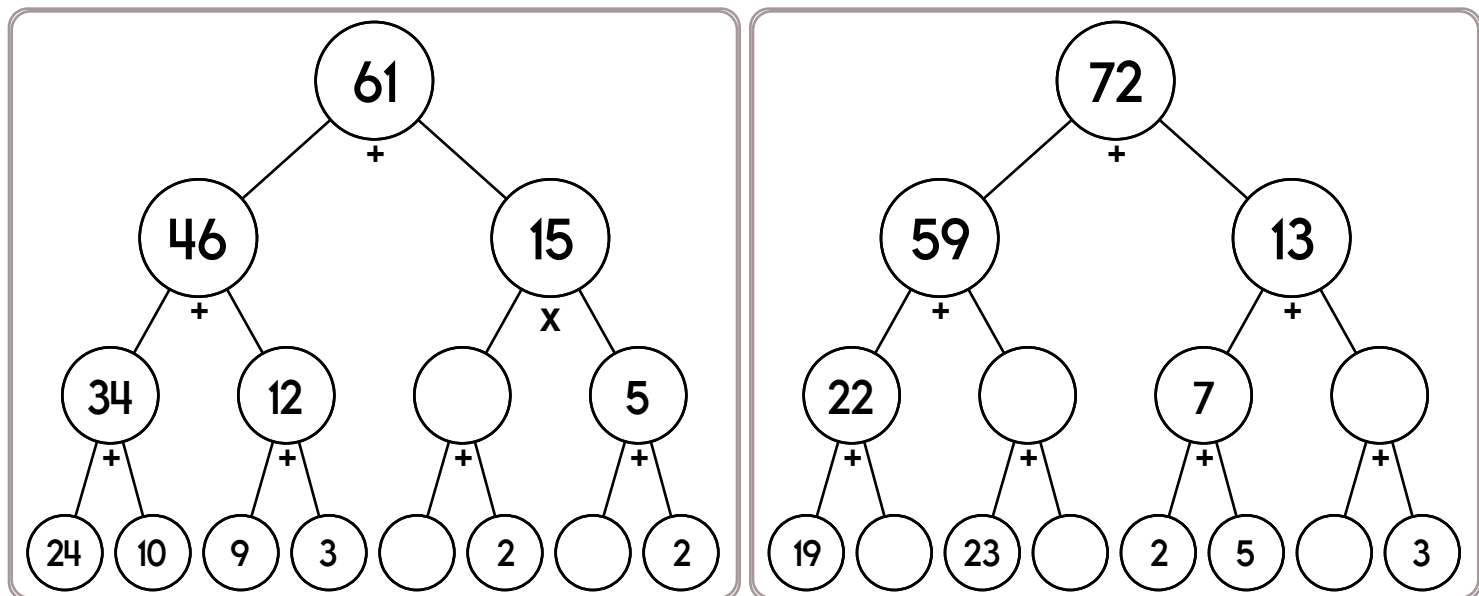
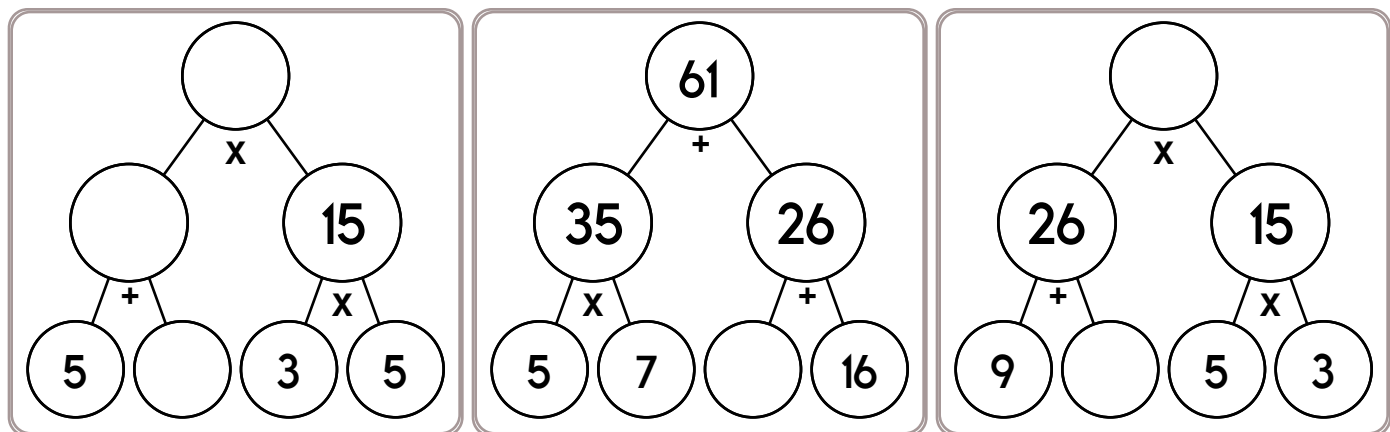
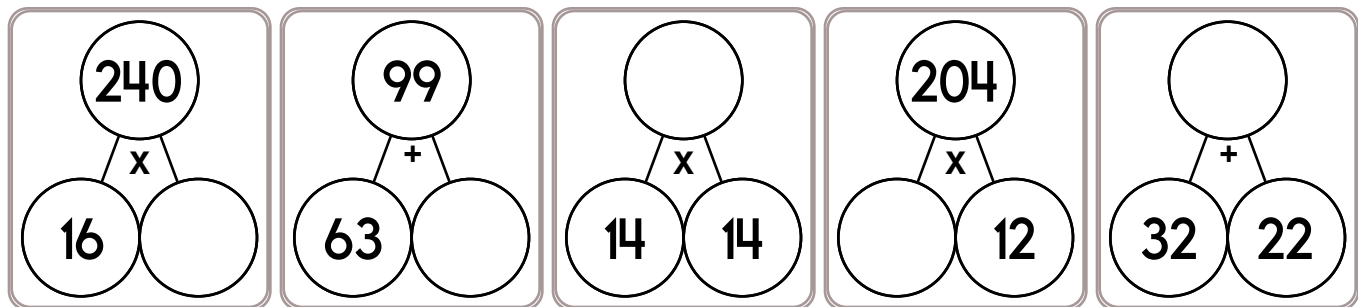
$$\begin{array}{r} 61 \\ - 46 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ - 53 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ - 40 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ - 65 \\ \hline \end{array}$$

Name: _____



$$3 \times 3 \times 3 \times 3 = 3^x$$

What is the value of x?

In what quadrant would you find the point (10, -17)?

Rewrite in scientific notation.

42,020,000,000

Name: _____

Grandma Jefferson bought 9 journals for her memoirs. There are 819 pages in the journals in all. Each journal has an equal number of pages. How many pages are in each journal?

Vera Sergeevna was 23 years old on the Day of Consent and Reconciliation in 1971. Her brother, Alexander, was 5 years less than twice her age. How old will Alexander be on the Day of Consent and Reconciliation in 2023?

Sara and Erin left their house at 10:34 a.m. to go to the beach. They returned home tired and sunburned at 2:09 p.m. How long had they been away?

Name: _____

The product of three consecutive numbers is 720. What are the numbers?

Mary added two fractions together. She wrote the answer of $\frac{11}{12}$. Whoops, she realized she has to write out the entire equation. She remembered the two fractions had the numbers 3, 2, 8, and 2. But she forgot the equation. Write out the complete equation.

And be snappy!

Name: _____

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

Make \$27.47 using bills and coins.

			\$1
	10¢		

Show a different way to make \$27.47 using a different number of bills or coins.

Make \$56.33 using bills and coins.

Show a different way to make \$56.33 using a different number of bills or coins.

$$\begin{array}{r} 41 \\ + 33 \\ \hline \end{array}$$

Emily rolls a die. What is the chance of her rolling a 1?

$$218 + 479 = \underline{\hspace{2cm}}$$

word root **hema** can mean **blood**

hematoma, hematology

Name: _____

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

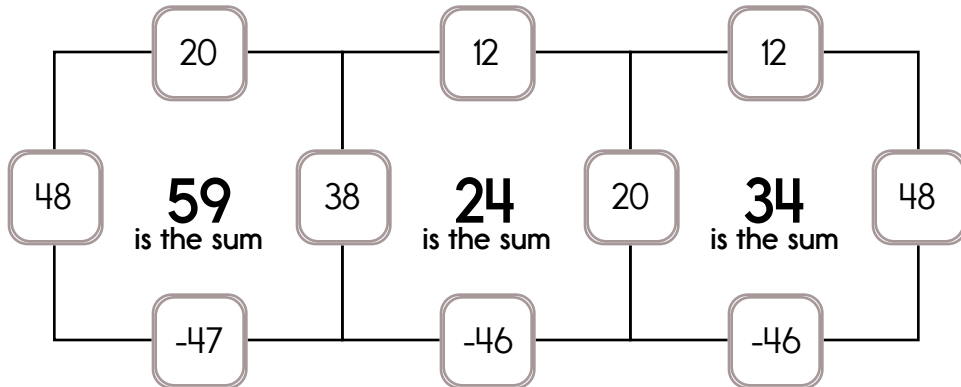
Example:

$$48 + 38 + 20 + (-47) = 59$$

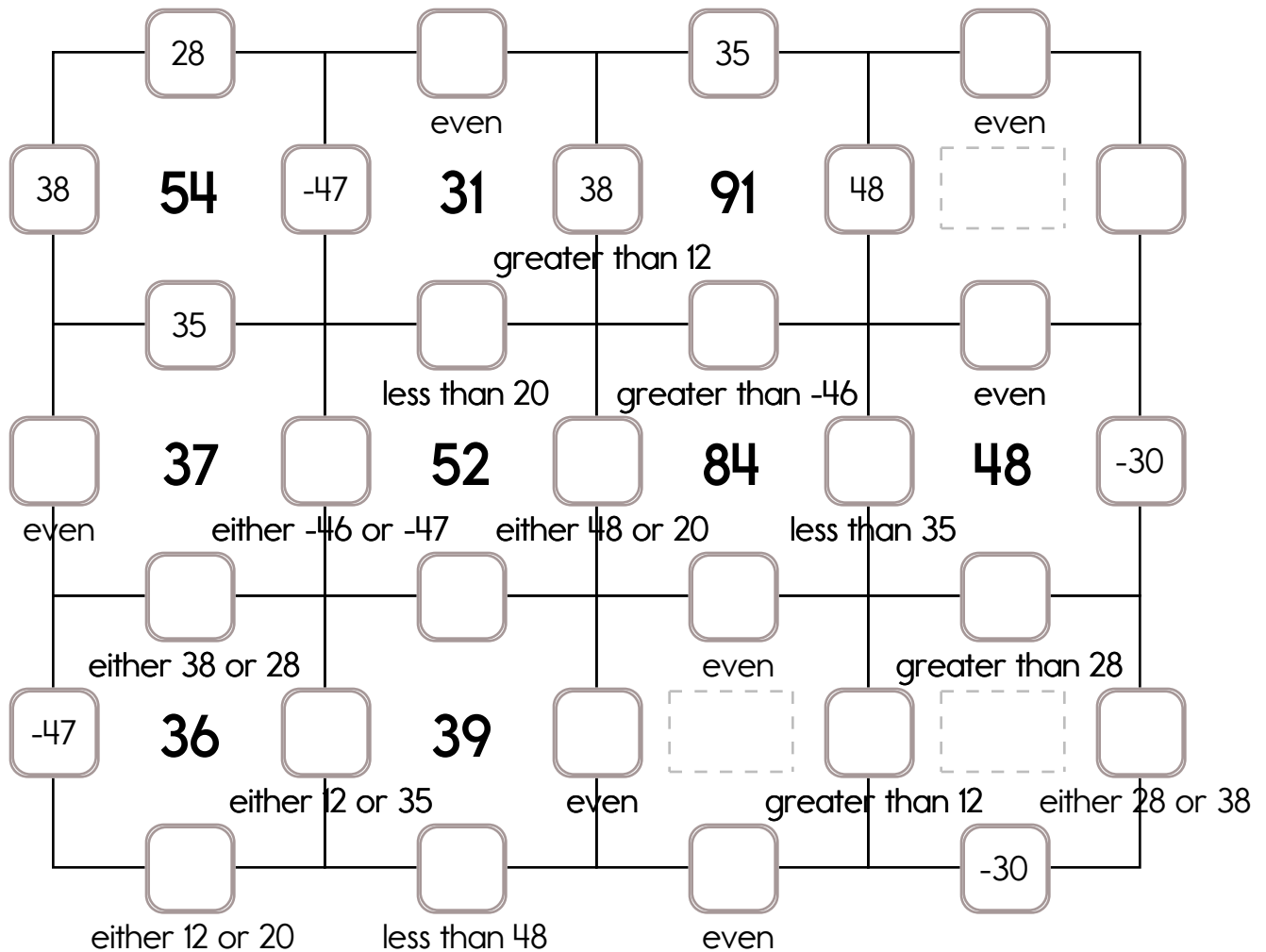
Example:

$$20 + 48 + 12 + (-46) = 34$$

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: -46, -30, or -47. The other three numbers have to all be DIFFERENT and must be from these: 20, 12, 28, 48, 35, or 38.



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: -26, -23, or -18. The other three numbers have to all be DIFFERENT and must be from these: 32, 12, 45, 16, 30, 21, or 18.

	16		18		21			
							greater than 18	
12	40	-18		16	51		89	45
			greater than 12			even		
	30		21			even	32	
				12	36		67	
either 16 or 12		less than 18			less than -23			
		greater than 12	even	either 18 or 45	greater than 12			
	84		69		34		40	-18
odd		either 18 or 45	less than -23	less than 45				
either 21 or 30	greater than 30	less than 45	even					
	42		56		48		42	
even	even	greater than 21	even	less than 32				
less than 12	even	either -26 or -18	either 16 or 21					
	33		77					
	less than 45	less than 21	greater than -26					
less than 32	greater than 12	even						

Name: _____

<p>A total of 80 jars of mustard were divided into 10 boxes. In each box, there were 3 jars of Dijon mustard. The rest of the jars contained yellow mustard. How many jars of yellow mustard were there in all?</p>	<p>Max made cookies for Remembrance Day. He made $1\frac{2}{3}$ dozen chocolate cookies, 2 dozen peanut cookies, and $\frac{1}{2}$ dozen oatmeal cookies. If he puts the same number of each cookie in each bag and has no cookies left over, what is the largest number of bags he can fill?</p>	<p>Some fifth graders took a survey asking students whether they felt a lot of stress, a little stress, or no stress. The survey showed that $\frac{3}{10}$ felt a lot of stress, $\frac{1}{2}$ felt a little stress, and $\frac{1}{5}$ felt no stress. There were 5 students that felt no stress. How many students took the survey?</p>
---	---	--

<p>13% of 100 is 13. 13% of 200 is 26. 13% of 500 is 65.</p> <p>What is 13% of 800?</p>	<p>Hannah rolls two dice. She adds the numbers on the two dice. What is the chance of this sum being five?</p>	$\begin{array}{r} 30 \\ - 18 \\ \hline \end{array}$
	<p>1 cm = 10 mm</p> <p>23 cm = _____ mm</p>	
<p>Circle the smallest number:</p> <p>78,109,381 7,324,960,527 863,520,174 2,564</p>	<p>5 x 12 = _____</p>	<p>Holly rolls two dice. What is the chance of her rolling a 6 on one die and a 1 on the other die?</p> <p>_____</p>

_____ millimeters

$$60 \div 12 = \underline{\hspace{2cm}}$$

$$14.693 + 17.669 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} 833 \\ - 577 \\ \hline \end{array}$$

$$(9 + 8) + 5 =$$

$60 \div 10 = \underline{\hspace{2cm}}$

$$\begin{array}{r} 225 \\ + 233 \\ \hline \end{array}$$

$$20 \div 4 = \underline{\hspace{2cm}}$$

$42 \div 6 =$

$30 \div 10 = \underline{\hspace{2cm}}$

$9 \times 10 = \underline{\hspace{2cm}}$

$$70 \div 10 =$$

27 km = _____ m

Name: _____

The vowels are missing in the word search.
Fill in the missing vowels and circle the words.

□	D	□	M	□	N	□	S	H	F
T	□	H	□	R	□	□	C	□	□
□	□	T	V	□	R	Y	□	□	R
S	□	S	T	□	□	N	□	R	□
□	M	P	□	R	F	□	C	T	V
S	□	B	J	□	C	T	C	□	□
□	□	N	S	T	R	□	C	T	R
□	V	□	R	Y	T	H	□	N	G
T	H	R	□	□	D	H	N	□	C
A	N	O	T	H	E	R	□	R	R

SUSTAIN • EVERYTHING • IMPERFECT
DIMINISH • SUBJECT • THREAD
HEROIC • ANOTHER • FOREVER
INSTRUCT • VARY

$$9,648 - 3,453 = \underline{\hspace{2cm}}$$

You can buy 4 cards for \$12 at the store. At this rate, what would be the cost of twenty cards?

The product of two consecutive whole numbers is 110. What are the two consecutive whole numbers?

$$5 \times 11 =$$

$$7,934 + 5,525 = \underline{\hspace{2cm}}$$

$$60 \div 6 = \underline{\hspace{2cm}}$$

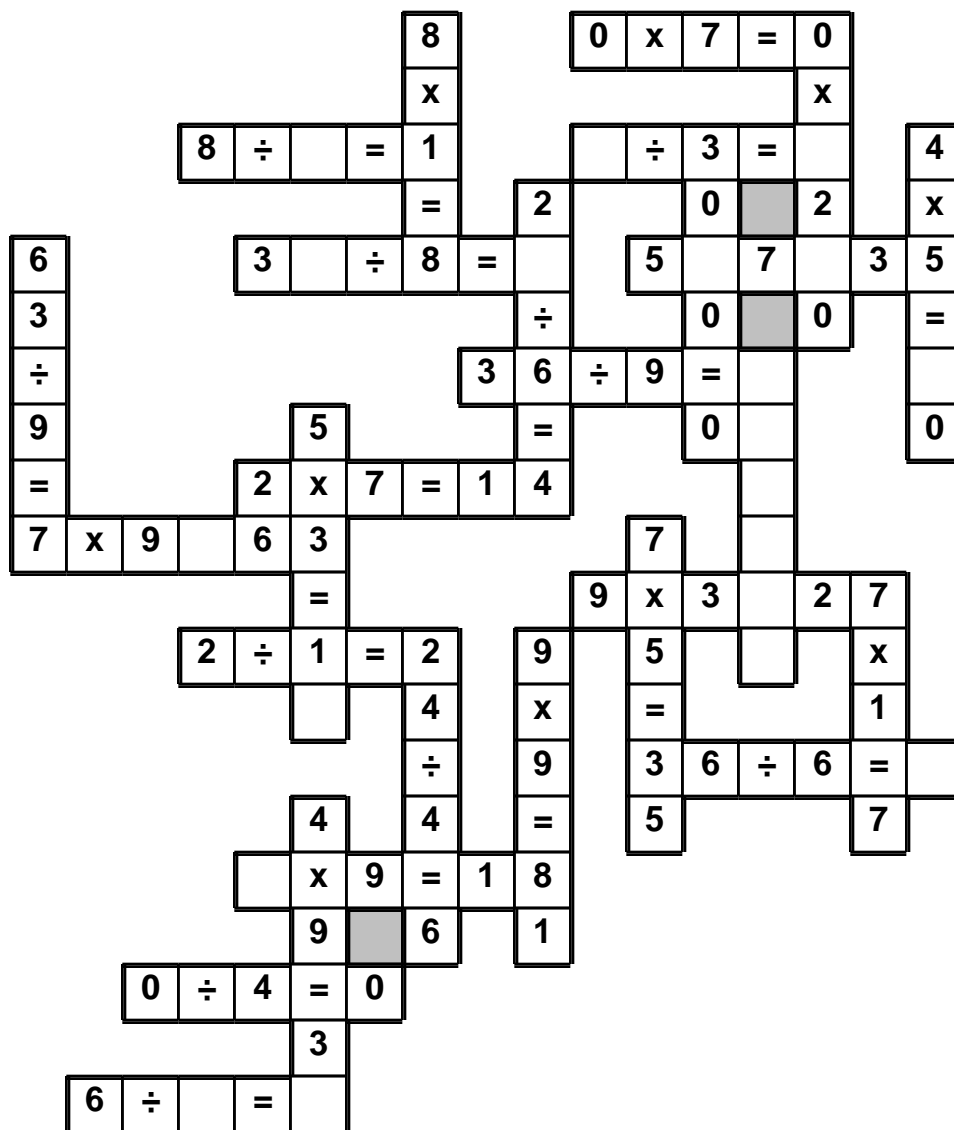
Write this as a number in standard form.
Use a comma in your number.

six hundred sixty-two thousand, seven hundred forty-seven

Amanda is going to roll two dice. What is the chance that her total will be either 9 or higher on her first roll?

$$296 + 864 = \underline{\hspace{2cm}}$$

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



Circle the digit in the tenths place.

Write an equation to represent this:

 $108 \div 9 = \underline{\hspace{2cm}}$

Name: _____

Brianna, Cameron, Daniel, and Shelby watched television on Monday and Tuesday. On Monday they started watching at 8:00 p.m. and on Tuesday they started watching at 6:00 p.m. Their mother kept track of the time they each stopped watching. On Monday the times they stopped watching TV were 9:05 p.m., 11:15 p.m., 9:20 p.m., and 11:05 p.m. On Tuesday the times they stopped watching TV were 8:50 p.m., 6:30 p.m., 8:00 p.m., and 8:40 p.m.

1. Shelby watched less TV on Tuesday. Shelby only spent $\frac{32}{37}$ as much time watching TV on Tuesday as she did on Monday.
2. Cameron watched TV for two and five-sixths hours on Tuesday.
3. Daniel watched TV for one and one-third hours on Monday.
4. Brianna watched less TV on Tuesday. Brianna only spent $\frac{2}{13}$ as much time watching TV on Tuesday as she did on Monday.

Brianna stopped watching TV at _____ on Monday and _____ on Tuesday.

Cameron stopped watching TV at _____ on Monday and _____ on Tuesday.

Daniel stopped watching TV at _____ on Monday and _____ on Tuesday.

Shelby stopped watching TV at _____ on Monday and _____ on Tuesday.

Make a decimal number. Start with a zero and a decimal point. Then use these numbers: 40, 5, 4, 3, and 7. Make three different decimal numbers. Put your three decimal numbers in order from largest to smallest.

$$15 \div 5 = \underline{\hspace{2cm}}$$

$$93,211 - 36,226 = \underline{\hspace{2cm}}$$

$$7 \times 10 = \underline{\hspace{2cm}}$$

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

Name: _____

$$3 \overline{) 90.96}$$

$$9 \overline{) 24002.1}$$

$$7 \overline{) 5.19197}$$

Rewrite $13 - 6$

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

On a number line, what is the number that is 7 spaces right of -3?

$$15 + -5 = \underline{\quad}$$

$$15 - 5 = \underline{\quad}$$

Simplify.

$$\frac{6}{8} =$$

$$4 + 9 \cdot 6 + 10$$

If $h = -8$ and $m = 44$ then what is $8h - 9m - 3m = ?$

What is the prime factorization of 30?

Rewrite $\frac{22}{25}$ as a decimal.

$$9.4903 \times 10^2 =$$

Name: _____

500 is 10,000,000 times greater than 0.00005

10 is _____ times _____ than 0.01

0.0036 is _____ times _____ than 36,000

0.28 is _____ times _____ than 2,800,000

74 is _____ times _____ than 0.000074

Put these numbers in order from smallest to largest.

4.57

4.558

4.6

4.49

Name: _____

This number is so cool. The ones place is twice its hundredths. The tenths place is 7 less than its tens. The sum of its digits is 15. What's the cool number?

____ _ . ____ _

A number is greater than 18 and less than 36. This number has exactly 4 factors.

The sum of its factors is 48.

What is the number?

Name: _____

Complete each pattern. Write what the rule is.

499545, 954549, 454995, 499545, 954549, 454995, 499545,
954549, 454995, 499545, 954549, _____, 499545, 954549

96731, 73196, 19673, 67319, 31967, 96731, _____,
_____, 67319, 31967, 96731, 73196, 19673, _____

Complete each pattern. Write what the rule is.

308.8	299.4	290
280.6		261.8
252.4	243	
224.2	214.8	



It's NO PREP at edHelper.

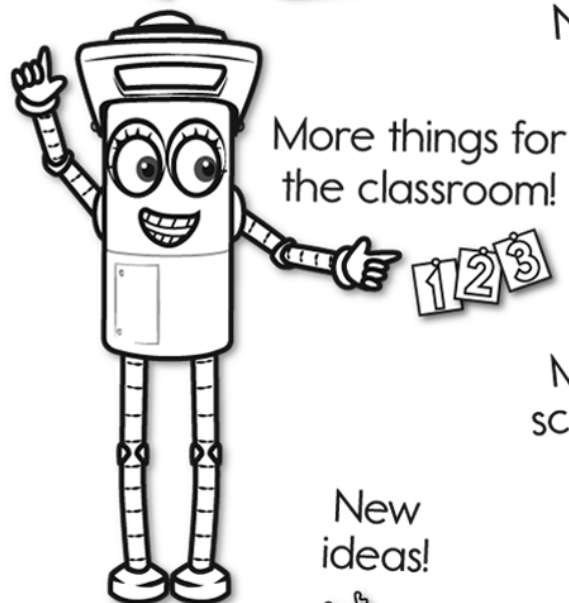
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\times
 $\times =$
 $- \div$
 $< - >$

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