

Name: _____

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

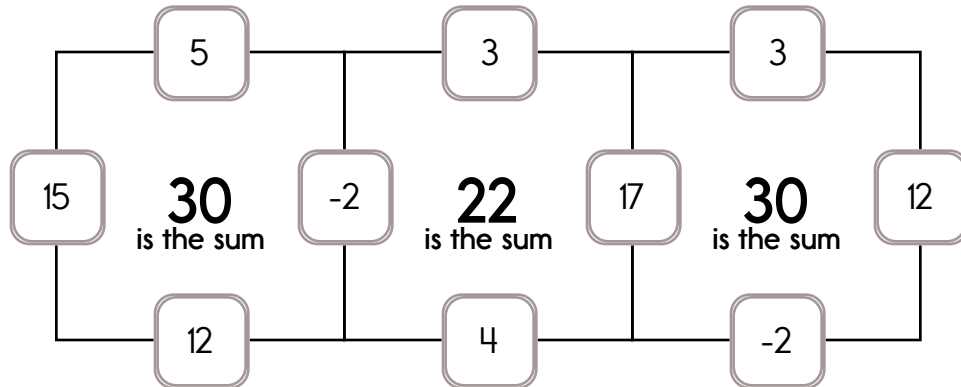
Example:

$$15 + 5 + 12 - 2 = 30$$

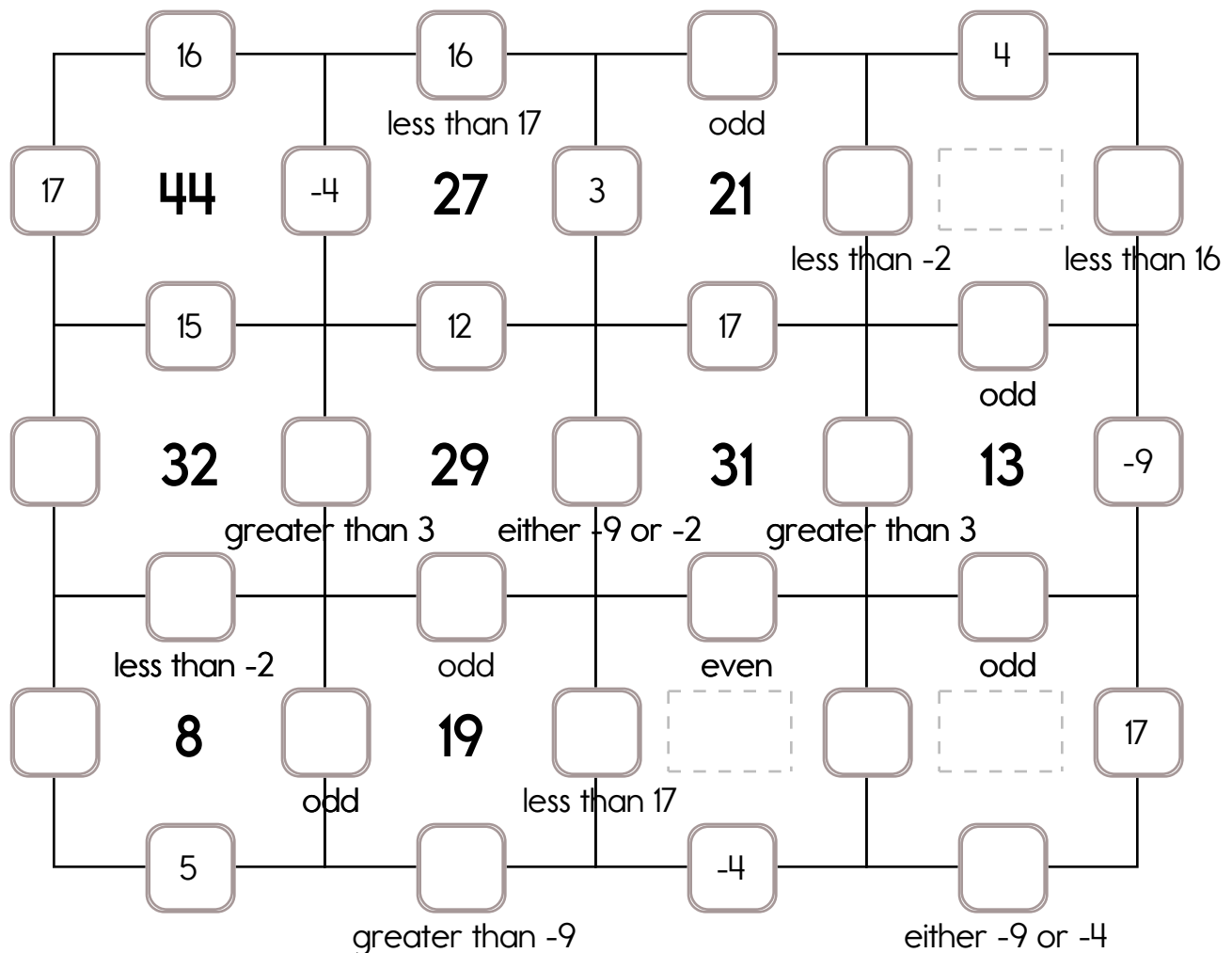
Example:

$$17 + 12 + 3 - 2 = 30$$

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: -2, -9, or -4. The other three numbers have to all be DIFFERENT and must be from these: 4, 17, 16, 15, 12, 3, or 5.



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: -3, -1, or -8.

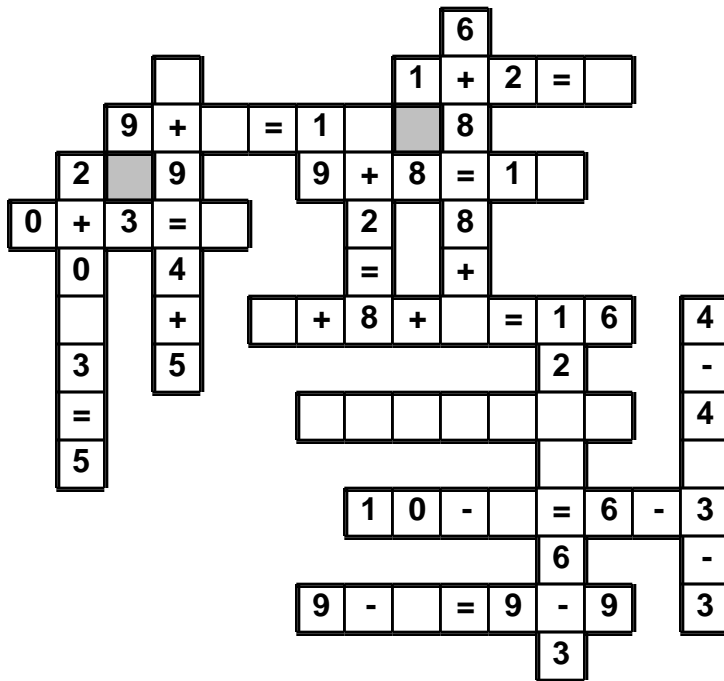
The other three numbers have to all be DIFFERENT and must be from these: 7, 9, 6, 8, 5, or 19.

	9		9		-1		19	
			odd					
8	19	-3	19	7	21		32	-1
						even		
	5							
			either 7 or 6		either 7 or 9		greater than 7	
8	24		24		21	6	30	
			either -1 or -8		either 6 or 7			less than -1
			19		-1			
							odd	
	26		28		23			
odd		even		less than 19		either 5 or 8	greater than -8	
			even		odd		less than 9	
	16		12		10		18	
odd		odd		even		greater than -1		
			even		either 9 or 5		even	
	16		13					
either 7 or 9		greater than 7		either -8 or -1	greater than 8			
				odd		odd		

Name: _____

0 • 3 • 7 • 6 • 7 • 3 • + • 2 • 6 • 9 • - • 4 • = • 9 • - • 4
9 • = • 7 • 9

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



Write the number that has exactly 6 tens.

9, 11, 13, 15, _____, 19,
21, 23, 25

Write the greatest possible 4-digit number using only 2 different numbers.

Amanda has 29 nickels.
How much money is that?

How many tens are in the number 50?

What number is halfway between 55 and 63?

Name: _____

Cross off the number that does NOT belong.

75, 80, 85, 90, 92, 95, 100, 105, 110, 115, 120

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong. Hint: Look at movement of digits!


97264, 49726, 64972, 26497, 72649, 97264, 49726, 64972,
26497, 72649, 97264, 49726, 64972, 64972, 26497

Why does _____ not belong in the pattern?

Name: _____

David made a chain from black and orange construction paper. The first loop was orange, the next loop was black, the next loop was orange, and so on. He used thirty-eight loops in his chain. If he glued a pumpkin to each black loop, how many pumpkins did he use?	During June, twenty-three root beer floats were sold. During July, thirty-four were sold. In August, sixteen floats were sold. What is the range?	Megan is making prize bags for Weird Contest Week. She has 51 prizes. She is going to put an equal number in each of 12 bags. She wants to put as many prizes in each bag as she possibly can. After she has filled 6 bags, what fraction of the prizes does she have left?
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Write the number for nine thousand, seven hundred six. _____	What is the value of the 5 in 53? _____	$\begin{array}{r} 76 \\ + 55 \\ \hline \end{array}$
---	--	---

How many seconds are in one minute? _____	<input type="radio"/> treu <input type="radio"/> tro <input type="radio"/> tre <input type="radio"/> true	If $\square = 7$, then $\square - 1 =$ _____ 
--	--	---

Complete each analogy with the best word. <div> <div>spelling</div> <div>apples</div> <div>lunch</div> <div>eggs</div> </div> <div> <div>recess</div> <div>spinach</div> <div>art class</div> <div>milk</div> </div>	Write the number with 3 thousands and 6 hundreds. _____
singing : music class :: painting : _____	What number is ten thousand more than 5,603? _____
grain : wheat :: vegetable : _____	

Name: _____

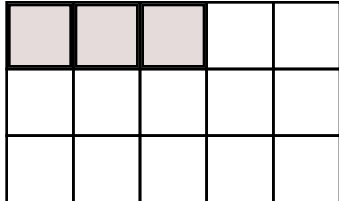
What is the value of the BIG digit?

62,3**1**7,942

Share 8 equally among 2.

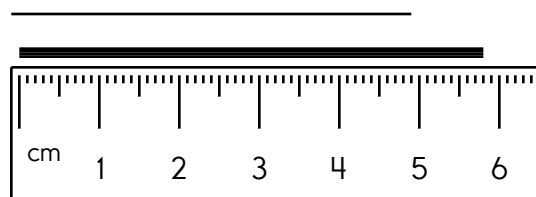
$$72 - 18 = \underline{\hspace{2cm}}$$

What fraction of the box is shaded?

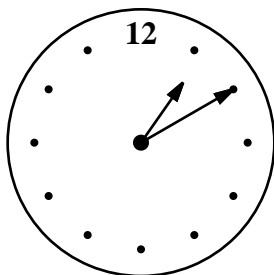


$\frac{\square}{5}$

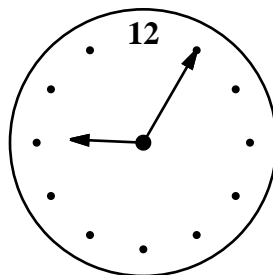
Write the length in centimeters.



$$\begin{array}{r} 64 \\ - 49 \\ \hline \end{array}$$



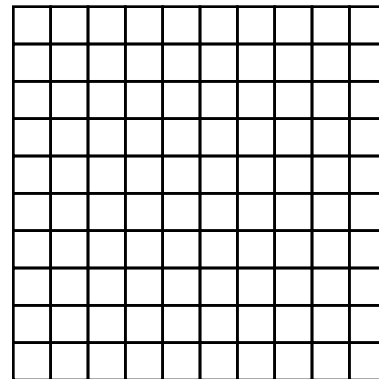
current time (pm)



time party starts (pm)

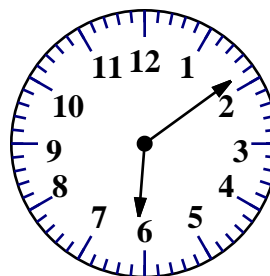
How long until the party? _____

Color $\frac{55}{100}$.

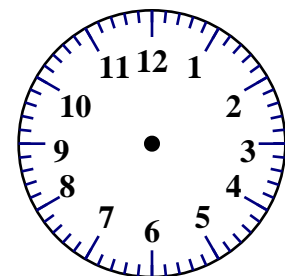


$$\begin{array}{r} 49 \\ - 16 \\ \hline \end{array}$$

Calculate the product of 9 and 3.



current time



5 hours later

Write two odd numbers that when added together equal the even number 20.

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

$$4 \overline{)16}$$

Name: _____

Sudoku Sums of 8

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 8.

Here is an example of a sudoku sum of 8:

1	7
---	---

	5		1		2
	2	3			
			5		
					4
4				6	
		1			

$$7 \overline{)14}$$

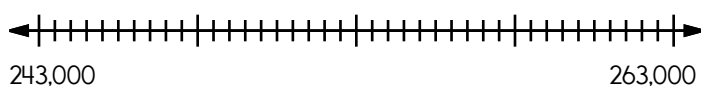
$$4 \overline{)20}$$

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

134,3**3**7,687

Which is longer: two feet or nineteen inches?

Locate where to put the number 254,500 and label the point M.



$$\begin{array}{r} 61 \\ - 22 \\ \hline \end{array}$$

Circle the largest number.

643 647 348
690 346 351



Name: _____

$$\begin{array}{r} 1,343 \\ - 945 \\ \hline \end{array}$$

$$\begin{array}{r} 686 \\ + 590 \\ \hline \end{array}$$

$$\begin{array}{r} 549 \\ + 180 \\ \hline \end{array}$$

$$\begin{array}{r} 1,135 \\ - 284 \\ \hline \end{array}$$

$$\begin{array}{r} 542 \\ + 714 \\ \hline \end{array}$$

$$\begin{array}{r} 1,197 \\ - 247 \\ \hline \end{array}$$

$$\begin{array}{r} 586 \\ - 235 \\ \hline \end{array}$$

$$\begin{array}{r} 550 \\ + 728 \\ \hline \end{array}$$

$$\begin{array}{r} 267 \\ + 972 \\ \hline \end{array}$$

$$\begin{array}{r} 868 \\ - 582 \\ \hline \end{array}$$

$$\begin{array}{r} 765 \\ - 302 \\ \hline \end{array}$$

$$\begin{array}{r} 139 \\ + 465 \\ \hline \end{array}$$

$$\begin{array}{r} 750 \\ + 258 \\ \hline \end{array}$$

$$\begin{array}{r} 1,576 \\ - 691 \\ \hline \end{array}$$

$$\begin{array}{r} 562 \\ + 999 \\ \hline \end{array}$$

$$\begin{array}{r} 956 \\ + 863 \\ \hline \end{array}$$

$$\begin{array}{r} 819 \\ - 344 \\ \hline \end{array}$$

$$\begin{array}{r} 969 \\ - 667 \\ \hline \end{array}$$

$$\begin{array}{r} 1,137 \\ - 996 \\ \hline \end{array}$$

$$\begin{array}{r} 990 \\ + 486 \\ \hline \end{array}$$

$$\begin{array}{r} 1,083 \\ - 440 \\ \hline \end{array}$$

$$\begin{array}{r} 308 \\ + 846 \\ \hline \end{array}$$

$$\begin{array}{r} 1,733 \\ - 785 \\ \hline \end{array}$$

$$\begin{array}{r} 659 \\ + 552 \\ \hline \end{array}$$

$$\begin{array}{r} 558 \\ + 940 \\ \hline \end{array}$$

$$\begin{array}{r} 1,138 \\ - 757 \\ \hline \end{array}$$

$$\begin{array}{r} 1,058 \\ - 648 \\ \hline \end{array}$$

$$\begin{array}{r} 331 \\ + 345 \\ \hline \end{array}$$

$$\begin{array}{r} 982 \\ + 756 \\ \hline \end{array}$$

$$\begin{array}{r} 624 \\ - 120 \\ \hline \end{array}$$

$$\begin{array}{r} 719 \\ + 681 \\ \hline \end{array}$$

$$\begin{array}{r} 1,793 \\ - 836 \\ \hline \end{array}$$

$$\begin{array}{r} 693 \\ + 333 \\ \hline \end{array}$$

$$\begin{array}{r} 1,648 \\ - 886 \\ \hline \end{array}$$

$$\begin{array}{r} 1,202 \\ - 676 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 2 \\ \hline \square \end{array}$$

$$\begin{array}{r} 6 \\ + 2 \\ \hline \square \end{array}$$

$$\begin{array}{r} 8 \\ + 21 \\ \hline \square \end{array}$$

$$\begin{array}{r} 17 \\ + 2 \\ \hline \square \end{array}$$

$$\begin{array}{r} 6 \\ + 990 \\ \hline \square \end{array}$$

$$\begin{array}{r} 8 \\ + 36 \\ \hline \square \end{array}$$

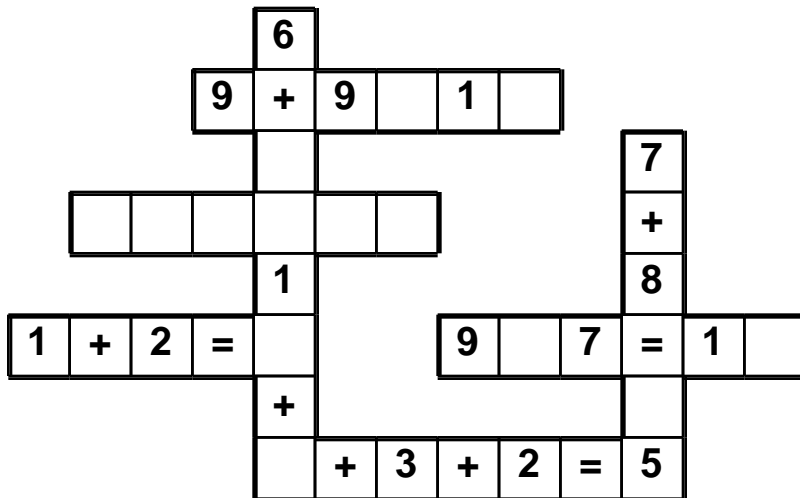
$$\begin{array}{r} 36 \\ - 29 \\ \hline \square \end{array}$$

$$\begin{array}{r} 3 \\ - 3 \\ \hline \square \end{array}$$

Name: _____

= • 8 • 7 • 4 • + • 6 • = • 1 • 0 • 3 • + • 6 • 1 • 0

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



Complete each analogy with the best word.

hand	finger	wind	clouds
toe	weather	snow	sock

hand : glove ::

foot : _____

ground : fog ::

sky : _____

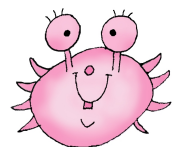
One side of a square measures six centimeters. What is the area of this square?

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

$$\begin{array}{r} 14 \\ + 43 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ + 14 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ + 21 \\ \hline \end{array}$$



Circle the correctly spelled words.
function, stilness, information

Name: _____

$8 \times 4 =$

$9 \times 7 =$

$2 \times 10 =$

$8 \times 1 =$

$5 \times 5 =$

$9 \times 7 =$

$6 \times 4 =$

$0 \times 11 =$

$3 \times 2 =$

$12 \times 12 =$

$11 \times 10 =$

$3 \times 6 =$

$12 \times 6 =$

$11 \times 5 =$

$3 \times 11 =$

$6 \times 4 =$

$0 \times 5 =$

$2 \times 10 =$

$9 \times 1 =$

$10 \times 2 =$

$8 \times 8 =$

$3 \times 7 =$

$2 \times 7 =$

$11 \times 12 =$

$4 \times 7 =$

$3 \times 9 =$

$6 \times 2 =$

$8 \times 9 =$

$10 \times 12 =$

$4 \times 4 =$

$9 \times 10 =$

$8 \times 1 =$

$5 \times 0 =$

$9 \times 12 =$

$7 \times 12 =$

$6 \times 11 =$

$11 \times 2 =$

$10 \times 3 =$

$5 \times 5 =$

$10 \times 8 =$

$3 \times 9 =$

$11 \times 6 =$

$4 \times 7 =$

$4 \times 12 =$

$7 \times 5 =$

$9 \times 0 =$

$10 \times 6 =$

$1 \times 11 =$

$2 \times 8 =$

$3 \times 8 =$

$2 \times 3 =$

$6 \times 5 =$

Name: _____

Complete each pattern. Write what the rule is.

156	143	130
117	104	
78	65	
39	26	

What is the rule for each pattern?
















5, 3, 14, 5, 23, 7, 32, 9, 41, 11, 50, 13, 59, _____

14, 46, 26, 62, 38, _____, _____, 94, 62, 110, 74, 126, 86, 142

9, 7, 24, 20, 39, 33, 54, 46, 69, 59, 84, 72, 99, _____

Name: _____

Draw ONE continuous line that touches every box ONCE.
Count by 10s. Find the box with the number 31. Move up, down, right, or left.
Keep counting until you reach 771. Do not move into a spot with a picture.

					---	141	---	---	
31	---	---	301	---	---	251			
41	---	---	---	281	---	---			---
	---	---	---			771			201
		401	---		---			---	691
		---	---		---		621		---
---					591				
---			---	---	---				
---	511	---	---	---	---				

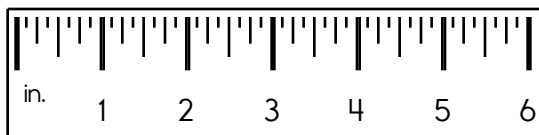
List the first three multiples of 10.

Which number is five thousand, three hundred fourteen?

5,314 1,453
1,354 53,104

$$5 \overline{)20}$$

Write the length in inches.



Fill in the missing fraction.

$\frac{1}{10}$, _____ , $\frac{3}{10}$, $\frac{4}{10}$

$$\begin{array}{r} 62 \\ - 32 \\ \hline \end{array}$$



word root **loqu** can mean **talk**





eloquent, loquacious

Name: _____

Each row, column, and box must have the numbers 1 through 6. The first box is done.

1	5	3			
6	2	4			
3	6			4	5
		5			6
2			5		
		1			4

Each row, column, and box must have 4 different pictures.

Name: _____

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 4.

Every row must contain the numbers 1, 2, 3, and 4.

Every column must contain the numbers 1, 2, 3, and 4.

In a cage with a plus sign, the given number will be the sum of all the digits in the cage.

10+ 1234	1 1	8+ 2	1234
4	1234	8+ 1	1234
5+ 1234	2	1234	1234
1234	7+ 4	1234	1

Fill in the blanks. These equations are from the puzzle above.

$$2 + \underline{\quad} + \underline{\quad} = 8$$

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

$$4 + \underline{\quad} = 7$$

$$1 + \underline{\quad} + \underline{\quad} = 8$$

$$\underline{\quad} + 4 + \underline{\quad} = 10$$



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