

Name: _____

Use any of these digits. Cross off a digit after you use it. You do not need to use all of the numbers.

9**6****7****1****0****1**

The sum of these two 2-digit numbers is 166. Write the full equation.

The number 75000 is the smallest whole number that when rounded to the nearest _____ will be 80000.

60 divided by 5 equals

$(4 + 9) \times 8 - 11$

How much time is it from 8:00 a.m. to 10:55 a.m.?

Name: _____

Ready to make equations? There is a missing equation in each box.
Circle the numbers once you find it!

A

96	43	13
59	42	29
82	98	18
34	27	81

Find a subtraction fact.

B

8	45	63
52	95	40
42	90	57
13	88	17

Find an addition fact.

C

79	37	80
81	54	88
47	78	30
52	67	19

Find a subtraction fact.

Equations:

Write the equation facts you found.

A		-	13	=	
B		+		=	
C		-		=	

What Words? Your Words!

Fill in the boxes with letters to make words. Each box is worth points. Earn points by filling in as many boxes as you can. Sum up the points you earn for each word.

Make a Word **Sum**

1	2	4	6	8	12	18	
M	O	T	I	V	E	S	

33

1	2	4	6	
I	N			

Make a Word **Sum**

1	2	4	8	14	
W	E				

1	2	4	6	10	14	
C	R					

Name: _____

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 5.

Every row must contain the numbers 1, 2, 3, 4, and 5.

Every column must contain the numbers 1, 2, 3, 4, and 5.

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

In a cage with a subtraction sign, the given number will be the difference. The largest number will always be the box with the clue.

11+	4+		2	2-
				4
	2-		4-	
2	3-	13+		2-
2-				
	9+			5
	4			

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

$$\underline{\quad} + \underline{\quad} + 5 = 13$$

$$\underline{\quad} + \underline{\quad} + 2 = 11$$

$$3 - \underline{\quad} = 2$$

$$3 - \underline{\quad} = 2$$

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

$$\underline{\quad} - 1 = 2$$

$$\underline{\quad} + 3 = 4$$

$$5 - \underline{\quad} = 3$$

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Find the way from START to END by passing only through numbers that are multiples of thirteen.

You can go up, down, left, right, AND diagonally!

START	715	786	213	734	187	497	64	537	202
572	962	229	64	816	524	352	365	285	967
637	39	126	933	956	822	795	629	70	833
195	832	680	207	456	275	770	846	313	569
507	78	601	497	932	219	408	152	875	342
464	26	117	936	436	425	106	573	748	601
45	632	92	494	35	604	596	902	851	344
761	609	403	754	867	509	719	375	419	34
509	835	806	702	663	715	156	780	468	245
825	453	850	288	971	139	728	923	676	END

Name: _____

		+		+		=	
	B	A	B				26
x	?	A	A				28
	B	B	C				21
=							
	56	92	75				

Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

$B \times A - C = 75$ $B + B + C = \underline{\quad}$ $\underline{\quad} + \underline{\quad} + \underline{\quad} = 26$

$\underline{\quad} \times \underline{\quad} - \underline{\quad} = 92$

Additional hints:

$C > 2$ $B = C + 3$

Show Work:

Solve:

$? = \underline{\quad}$

Name: _____

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

80% of 115 ●

● 36% of 50

60% of 70 ●

● 100% of 42

58% of 150 ●

● 12% of 150

90% of 90 ●

● 45% of 180

86% of 50 ●

● 43% of 100

74% of 100 ●

● 50% of 148

46% of 200 ●

● 87% of 100

25% of 156 ●

● 39% of 100

$$\begin{array}{r} 0.3 \\ 0.8 \\ +0.8 \\ \hline \end{array}$$

$$\begin{array}{r} 9.819 \\ -6.485 \\ \hline \end{array}$$

$$\begin{array}{r} 13.73 \\ -7.6 \\ \hline \end{array}$$

$$9 \times 9 \times 9 \times 9 \times 9 = x^5$$

What is the value of x?

In what quadrant would you find the point (3, 4)?

$$0.10 \cdot 9 =$$

Write as an algebraic expression.

 $27 \frac{1}{13}$ multiplied by the sum of t and n

What is the mode of the following number set?

20, 21, 13, 28, 20, 31, 18, 15, 30, 16, 25, 26, 27, 14, 19

4, 8, 4, 8, _____, 8, 4, 8, 4, 8

word root **ous** can mean **having the quality of** **carnivorous, herbivorous, luminous**

Name: _____

Complete each pattern, using the same rule. Write what the rule is.

$$9, 7, 7, 7, 7, 9, 7, 7, 7, 7, 7, 7, 9,$$

$$7, 7, 7, 7, 7, 7, 7, 7, 7, 7, \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}$$

$$6, 5, 5, 5, 5, 6, 5, 5, 5, 5, 5, 5, 6,$$

$$5, 5, 5, 5, 5, 5, 5, 5, 5, 5, \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}$$

Complete each pattern. Write what the rule is.

117	104	91
78		52
39		13

Name: _____

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

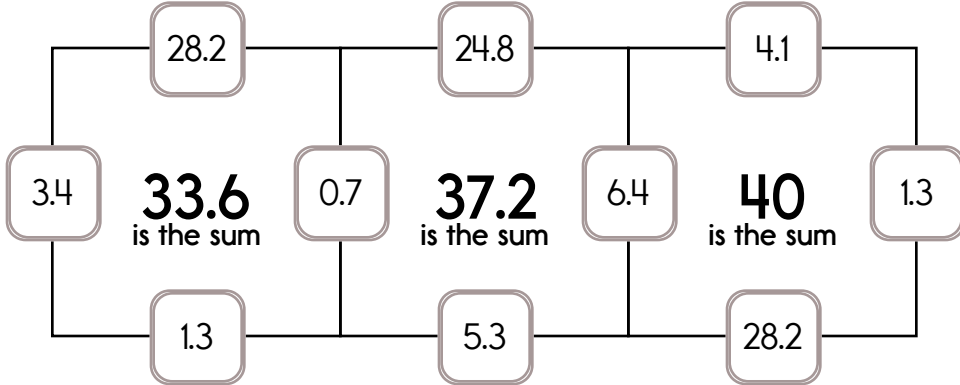
Example:

$$3.4 + 0.7 + 28.2 + 1.3 = 33.6$$

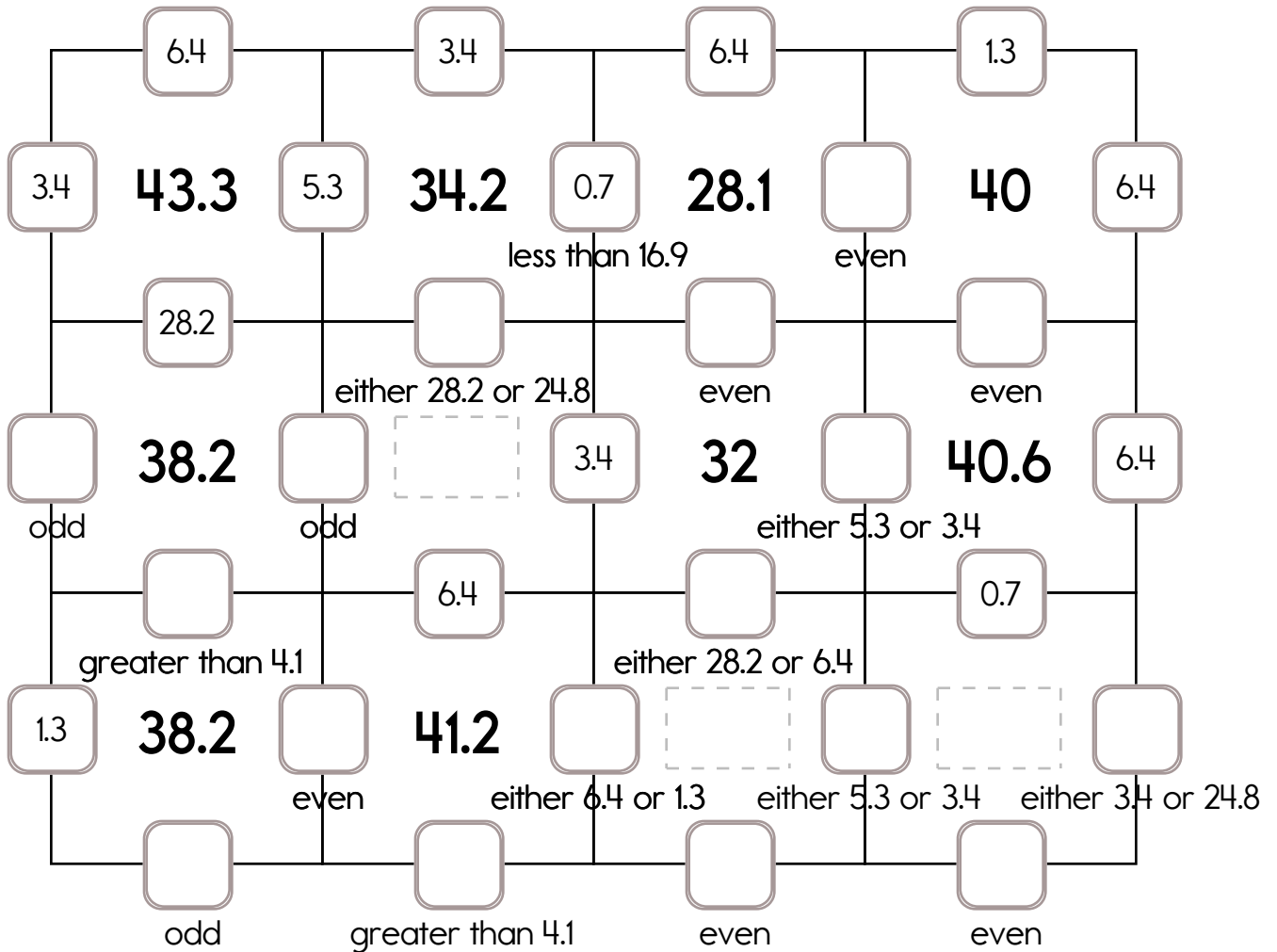
Example:

$$6.4 + 1.3 + 4.1 + 28.2 = 40$$

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: 24.8, 16.9, or 28.2. The other three numbers have to all be DIFFERENT and must be from these: 6.4, 4.1, 3.4, 0.7, 5.3, or 1.3.















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: 11.8, 18.6, or 19.3. The other three numbers have to all be DIFFERENT and must be from these: 6.9, 4.4, 7.5, 8.8, 2.3, 0.2, or 9.7.

	18.6			7.5			
		less than 11.8			greater than 8.8		
8.8	29.9	2.3	31.5	0.2	30.7	4.4	39.3
		less than 2.3					either 9.7 or 8.8
	0.2						
		either 0.2 or 19.3		even		odd	
	37.3		44.7		30.8		37.9
		even	odd		even		less than 19.3
	either 2.3 or 18.6				greater than 9.7		
	30.8		28.7		33.9		39.4
	odd	even	odd		greater than 2.3		8.8
	greater than 0.2	either 9.7 or 2.3	either 7.5 or 19.3		even		
	32.9		27.3		37.8		
		greater than 6.9					even
	even	odd	odd		even		
	37.4		26				
		less than 19.3	less than 19.3		either 0.2 or 9.7		
	either 2.3 or 18.6			greater than 0.2	greater than 0.2		

Name: _____

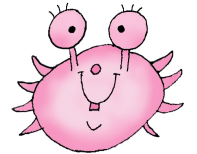
Draw ONE continuous line that touches every box ONCE.
 Count by 9.1s. Find the box with the number 4. Move up, down, right, or left.
 Keep counting until you reach 795.7. Do not move into a spot with a picture.

	449.9								
			586.4	795.7	---	---	659.2		
				786.6					
			568.2	---					
				13.1	---	4			
		258.8		---	31.3	76.8			
									
349.8								149.6	---
							---	186	---
									167.8

What number is halfway between 31 and 46?

Write the missing family fact.

$26 + 65 = 91$
 $91 - 26 = 65$
 $65 + 26 = 91$



1 kg = 1,000 g

19 kg = _____ g

$63 \div 7 =$ _____

Anne rolls a die. What is the chance of her rolling a 5?

Name: _____

ACROSS

1. $5 + 15$
2. $9 + 9 = 2 \times \underline{\quad}$
4. $8 + 11$
8. Seven more than 12-Across
9. One-sixth of 7-Down
12. 25-Across plus 10-Down
13. Four less than 23-Across
15. 23-Across plus 9-Across
16. One-third of 23-Across
19. Four less than 14-Down
21. Two times 6-Down
23. Nine more than 7-Down
25. Two times 10-Down

DOWN

2. Five times 6-Down
3. One-ninth of 6-Down
5. 2-Across plus 25-Across
6. $6 + 12$
7. Nickels in three dollars
9. $4 + 14$
10. $8 + 17$
11. Nine more than 23-Down
14. Seven less than 7-Down
17. 18-Down plus 23-Down
18. Five more than 11-Down
19. One-ninth of 21-Across
20. Five less than 10-Down
22. Six times 9-Across
23. One-third of 6-Down
24. Nine less than 9-Down

