Name: _____

Megan needs to buy water for the cafeteria.

"Can you please pick up 36 quarts of water?" asked the principal.

When Megan got to the store, they only sold water in gallon containers. How many gallons should she buy? (Hint: 1 gallon = 4 quarts)

How many total legs are on 8 ants?

If you exchange 90 dimes for dollars, then how many dollars would you get?

How many total legs are on 3 elephants and 2 chickens?

6 x ___ = 72 = ___ x 18

10 x ___ = 40 = ___ x 5

6 x ___ = 60 = ___ x 20

9 x ___ = 18 = ___ x 3

7 x ___ = 63 = ___ x 3

This number is one ten less than 6,163.

(9 x 1) - 7

Name: _____

"Want to visit my farm?" asked Max. "It's just me, my mom, my dad, my 2 sisters, my 10 spiders, my 3 owls, and, last but not least, my 4 cats."

"Yuck, did you say 10 spiders? Seriously?" asked Mary.

"Yes, I did! Just answer the following math question. I didn't say these math questions make sense," said Max with a big smile.

How many legs are there where Max lives? If it helps, humans have 2 legs (duh!), spiders have 8, and you can figure out the rest!

12 x 8 =

triple 70 =

Which of the following is the greatest possible 2-digit number with all different digits?

Which number has exactly 4 millions?

Jessica has $55. She wants to buy something that costs $91. How much more does she need?

Is 16 a composite or a prime number?

Correctly insert quotation marks into the sentence.

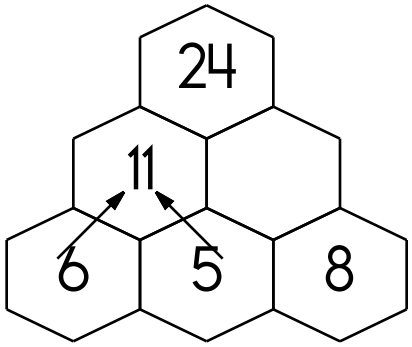
Hello Jackson, Mr. Kelly said, welcome to our class.

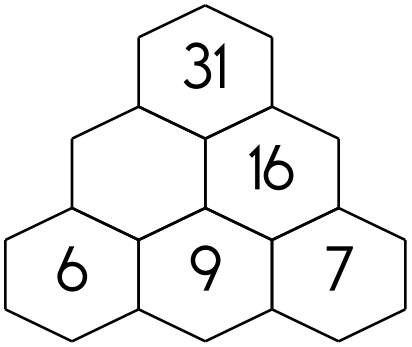
List the first three multiples of 6.

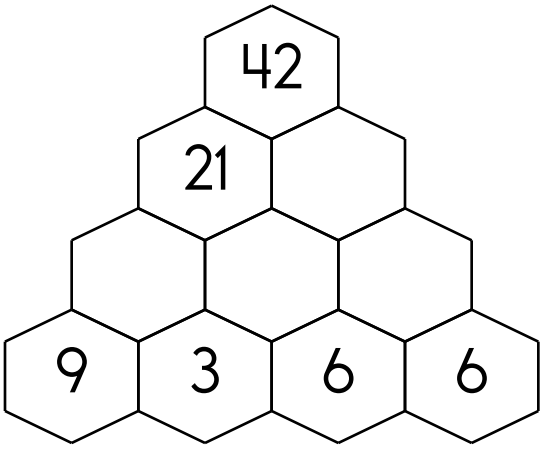
_____ _____ _____

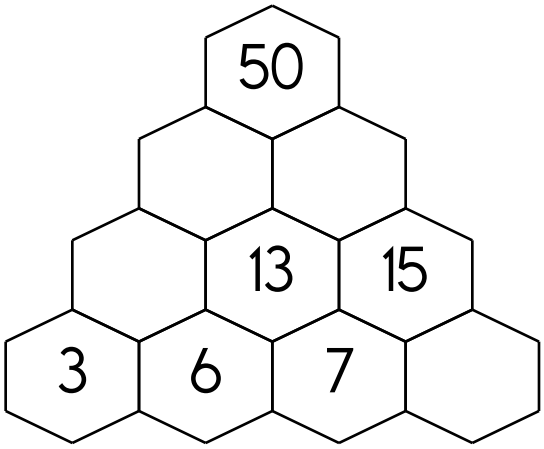
Name: _____

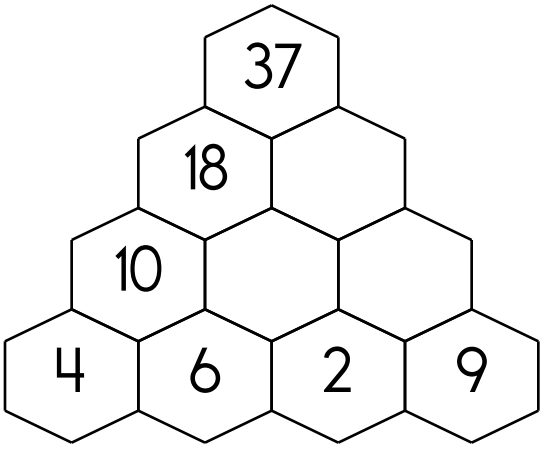
Fill in the blanks by adding the two numbers below each hexagon.

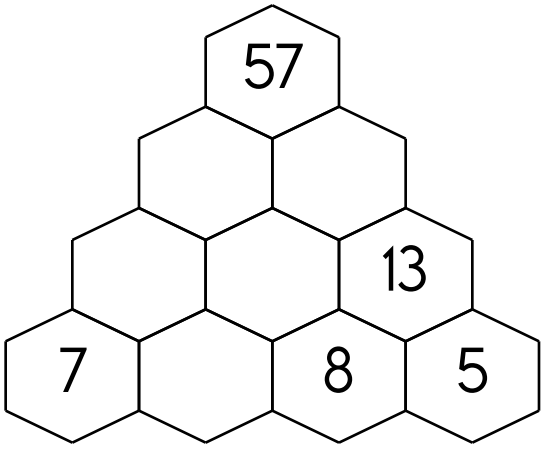












Reduce $\frac{20}{32}$ to its lowest terms.

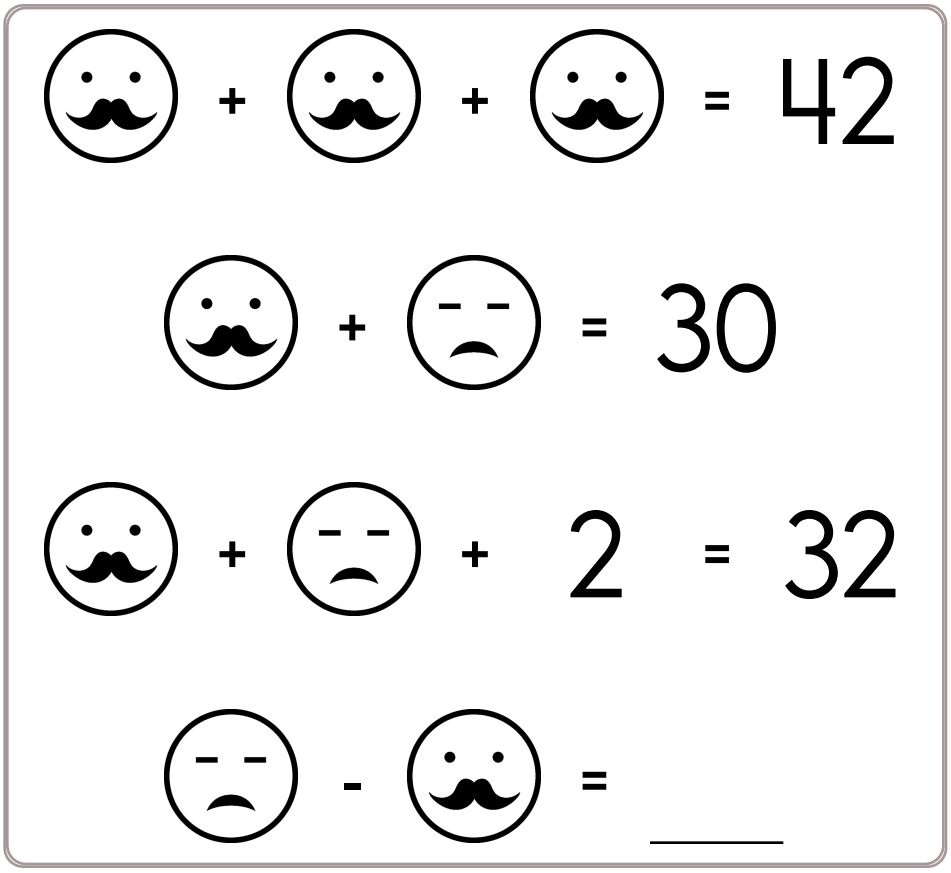
Reduce $\frac{7}{14}$ to its lowest terms.

Reduce $\frac{8}{24}$ to its lowest terms.

Name: _____

Guess the number in your head. Keep guessing until your numbers are correct.

Then write the correct answer!



 = _____  = _____

4 before 11 _____	4 after 13 _____	7 before 18 _____
8 before 19 _____	5 after 19 _____	6 before 12 _____
2 before 15 _____	9 after 18 _____	9 before 13 _____
1 before 14 _____	7 after 11 _____	5 before 17 _____
3 before 16 _____	3 after 15 _____	4 before 17 _____
8 before 83 _____	6 after 36 _____	7 before 34 _____

Name: _____

Eggs cost $1.24 for one dozen. How much would it cost to buy three dozen eggs?

The band director bought 4 new saxophones. Each saxophone cost $220.71. What was the total cost of the saxophones?

Amy's sister is a toddler. Amy baby-sits for 1 hour and 20 minutes each day. If she starts at 3:20 p.m., what time is she finished?

Which is larger, 0.8 or 2?

_____

$$\begin{array}{r} 2 \\ \times\ 1 \\ \hline \end{array} \qquad \begin{array}{r} 4 \\ \times\ 4 \\ \hline \end{array}$$

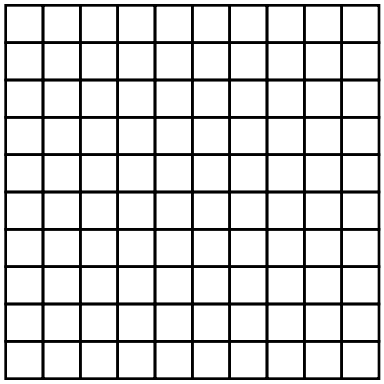
Fill in the blanks with these numbers:
2, 2, 4

$$\begin{array}{r} \square\ 4 \\ -\ \square\ 2 \\ \hline \square\ 2 \end{array}$$

Fill in the blanks with these numbers:
9, 3, 1

$$\begin{array}{r} \square\ 5 \\ -\ 6\ 4 \\ \hline \square\,\square \end{array}$$

Color 0.84.



55 - 2 = _____

What are the first three multiples of 6?

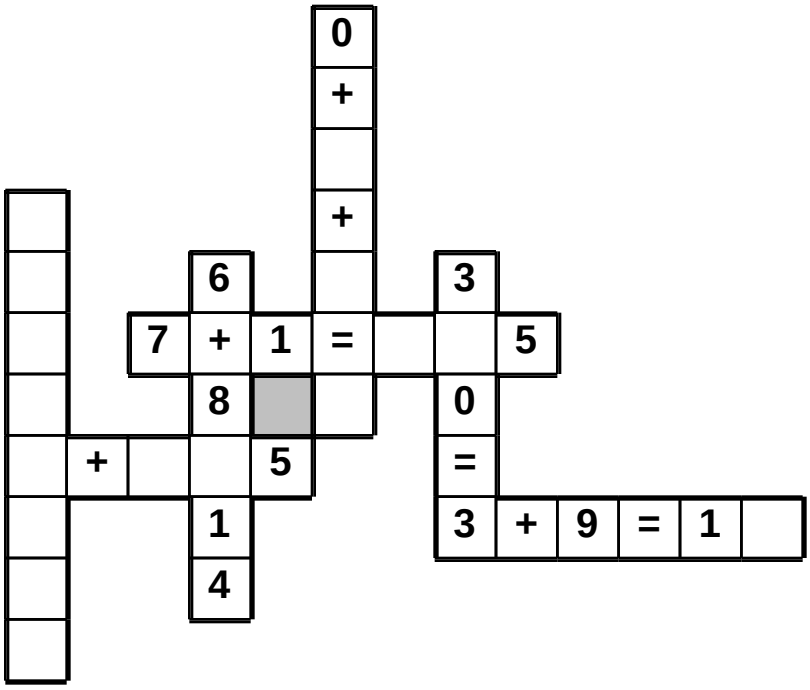
_____

$7\overline{)63}$

Name: _____

0 • 1 • + • 4 • 7 • 3 • + • + • 4 • 2 • 3 • = • = • 2 • 1 • 0

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



Which is smaller, $\frac{4}{5}$ or $\frac{10}{12}$?

_____

What is the value of the BIG digit?

6**3**,295,138

_____

$$\begin{array}{r} 83 \\ -\ 79 \\ \hline \end{array}$$

How many seconds are in one minute?

_____

$$\begin{array}{r} 48 \\ -\ 26 \\ \hline \end{array}$$

If j = 15, then what does j - 6 equal?

_____

Make a pattern.
Start with 23.
Add 9.

_____ , _____ , _____ , _____ , _____ , _____

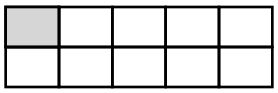
What are 22 tens equal to?

_____

word root **spec** can mean **look or examine** **inspection, retrospection, retrospective**

Name: _____

Write a fraction to represent what is shaded.



_____

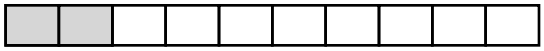
$9\overline{)72}$ $5\overline{)30}$

$7\overline{)28}$ $9\overline{)45}$

Write an even number with a six in the hundreds place.

_____

Write the unshaded part as a decimal.



_____

$$\begin{array}{r} 75 \\ +\ 37 \\ \hline \end{array}$$

Write two odd numbers that when added together equal the even number 10.

_____

$4\overline{)8}$ $7\overline{)35}$ $5\overline{)45}$

$6\overline{)18}$ $3\overline{)12}$ $6\overline{)48}$

Write the number for three thousand, six hundred eighty.

_____

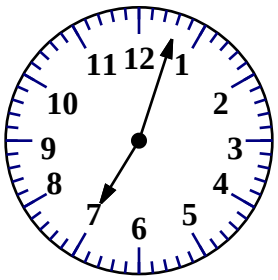
Write the number with 4 hundreds and 5 ten-thousands.

_____

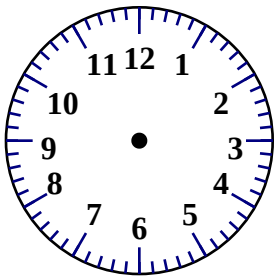
$$\begin{array}{r} 99 \\ +\ 31 \\ \hline \end{array}$$

If D = 2, then what does D + 7 equal?

_____



current time



10 minutes later

$$\begin{array}{r} 4 \\ \times\ 7 \\ \hline \end{array}$$

word root **hum** can mean **human** **human, humanity**

Name: _____

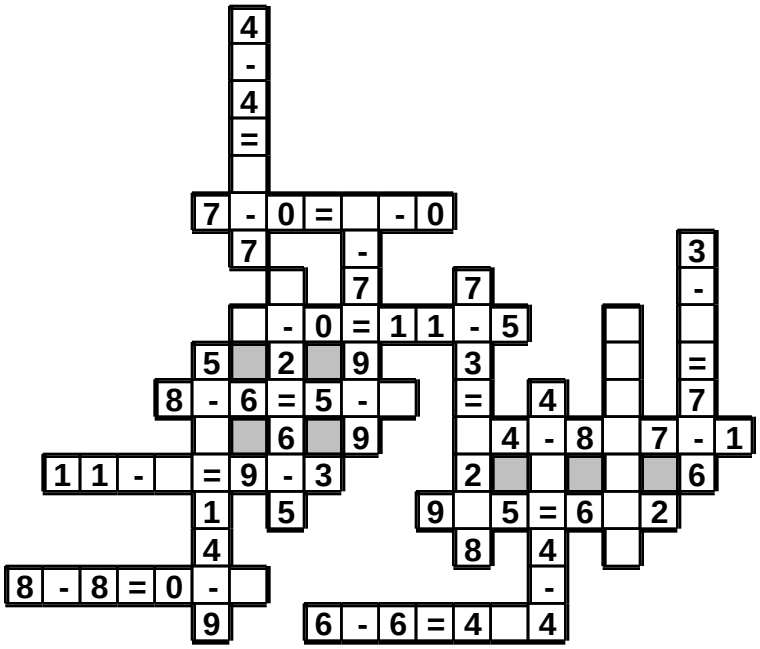
926 − 363	237 + 545	720 + 879	255 + 538	1,432 − 826
1,195 − 916	730 − 375	916 + 940	1,268 − 341	1,206 − 610
649 + 625	622 + 980	1,325 − 868	788 + 679	531 + 802
1,159 − 631	728 + 205	1,418 − 520	1,769 − 782	952 + 141
585 + 900	1,818 − 847	1,305 − 494	895 + 351	197 + 560
247 + 387	1,364 − 522	1,733 − 892	1,193 − 276	225 + 810
1,063 − 317	928 + 698	773 − 536	847 + 114	337 + 506

7
+ 6
□
+ 3
□
+ 7
23
− □
21
+ 5
□
− 5
□
+ 5
□
+ 6
□
− 2
30
+ □
37
− 5
□

Name: _____

7 • 7 • 3 • 6 • 0 • 2 • - • 3 • 0 • 0 • 1 • = • 5 • 4 • 5 • - - • 5 • 0 • -

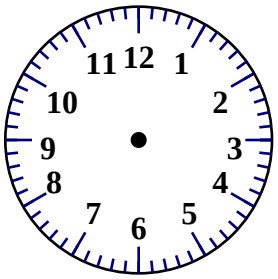
Use the pieces above to help you fill in the runaway math puzzle.



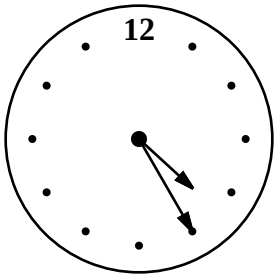
If thirty-three crayons are divided into eleven equal rows, how many crayons are in each row?

_____

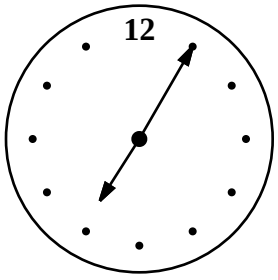
05 : 00



$4\overline{)24}$



current time (pm)



time party starts (pm)

How long until the party? _____

Calculate the product of 4 and 9.

_____

word root **ize** can mean **make** **harmonize, synchronize**

Name: _____

82 - 57 = _____

843 + 631 = _____

15 ÷ 3 = _____

87 + 6 = _____

$$\begin{array}{r} 7,441 \\ +\ 2,990 \\ \hline \square \end{array} \qquad \begin{array}{r} 6,268 \\ +\ 6,980 \\ \hline \square \end{array}$$

4 x 10 = _____

6,703 - 5,777 = _____

$$\begin{array}{r} 34 \\ -\ 12 \\ \hline \square \end{array} \qquad \begin{array}{r} 10 \\ +\ 5 \\ \hline \square \end{array}$$

$$\begin{array}{r} 12 \\ +\ \square \\ \hline \end{array} \qquad \begin{array}{r} 34 \\ \square \\ -\ 10 \\ \hline 5 \end{array}$$

77 + 12 = _____

~~8~~ 8 32 24 ~~7~~ 2 6 3 5 30 5 4

7 x 8 = 56

□ x □ = 12

3 x □ = □

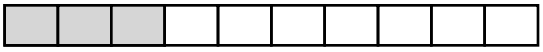
8 x □ = □

□ x □ = 15

6 x □ = □

Mrs. Lee has a bag of tomatoes. Four of the tomatoes are green. Nine of the tomatoes are red. Is it certain, likely, or unlikely that the first tomato she takes out of the bag will be green?

Write the shaded part as a decimal.



_____

Which is smaller, $\frac{2}{3}$ or $\frac{7}{9}$?

_____

List the first four multiples of 7.

_____ _____ _____ _____

Name: _____

44 - 18 = _____

46 - 8 = _____

8 + _____ = 46

8 + 7 + 8 = _____

$$\begin{array}{r} 84,343 \\ +\ 68,568 \\ \hline \end{array}$$

$$\begin{array}{r} 28,399 \\ +\ 11,556 \\ \hline \end{array}$$

43 - 9 = _____

$$\begin{array}{r} 19 \\ +\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +\ 16 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +\ 19 \\ \hline \end{array}$$

$$\begin{array}{r} \frac{1}{7} \\ +\ \frac{6}{7} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{1}{4} \\ +\ \frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{3}{8} \\ +\ \frac{5}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 7,294 \\ -\ 5,615 \\ \hline \end{array}$$

$$\begin{array}{r} 8,356 \\ -\ 8,017 \\ \hline \end{array}$$

4 x 7 = 28 = 7 x 4

_____ x 8 = _____ = 8 x 9

2 x _____ = _____ = 6 x 2

3 x _____ = 18 = 6 x _____

_____ x 6 = 30 = 6 x _____

7 x 5 = _____ = 5 x _____

Nathan has saved 5 dimes and 6 nickels to buy a notebook. What fraction of a dollar has he saved?

Erin is tying a ribbon around 12 red cups. She will put ice cream in them at her sister's party. She started with a ribbon 2 meters long. She has used 39 centimeters of ribbon. How much ribbon is left?

Name: _____

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

You are not allowed to go diagonally. Good luck!

START	99	891	594	389	546	252
909	44	704	231	957	365	109
79	528	165	297	286	277	488
435	748	880	803	528	264	561
143	825	77	55	638	4	825
451	88	682	341	165	306	363
616	440	396	748	694	666	649
440	0	11	33	402	840	880
794	487	577	251	842	676	55
191	590	130	727	157	446	END

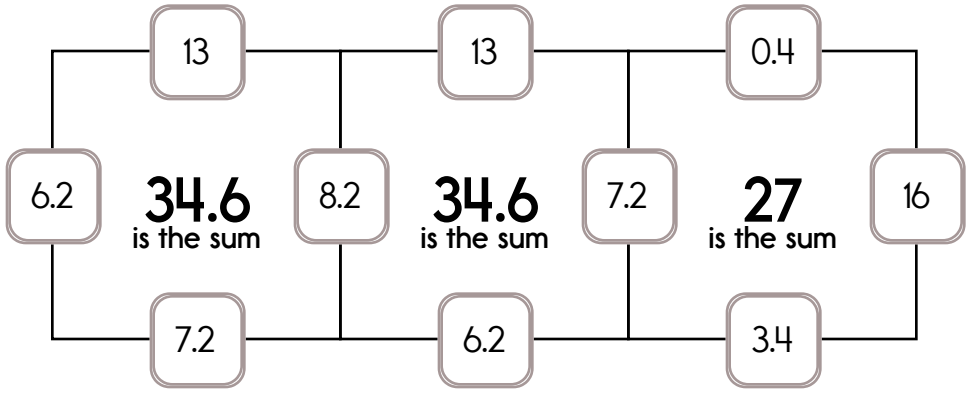
Name: _____

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

Example:
6.2 + 8.2 + 13 + 7.2 = 34.6

Example:
7.2 + 16 + 0.4 + 3.4 = 27

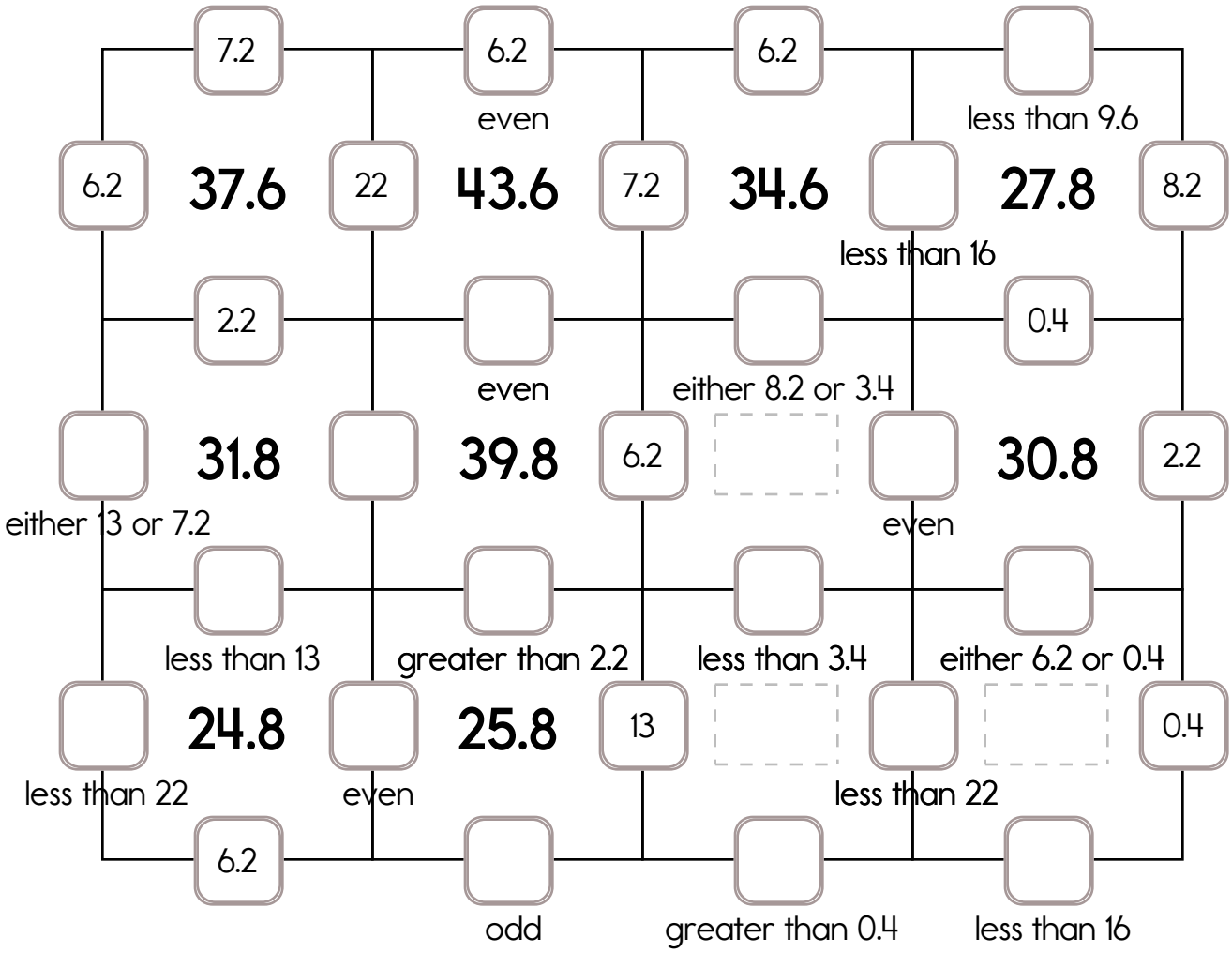
Sample:



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: 13, 22, or 16.

The other three numbers have to all be DIFFERENT and must be from these: 9.6, 8.2, 7.2, 0.4, 3.4, 2.2, or 6.2.

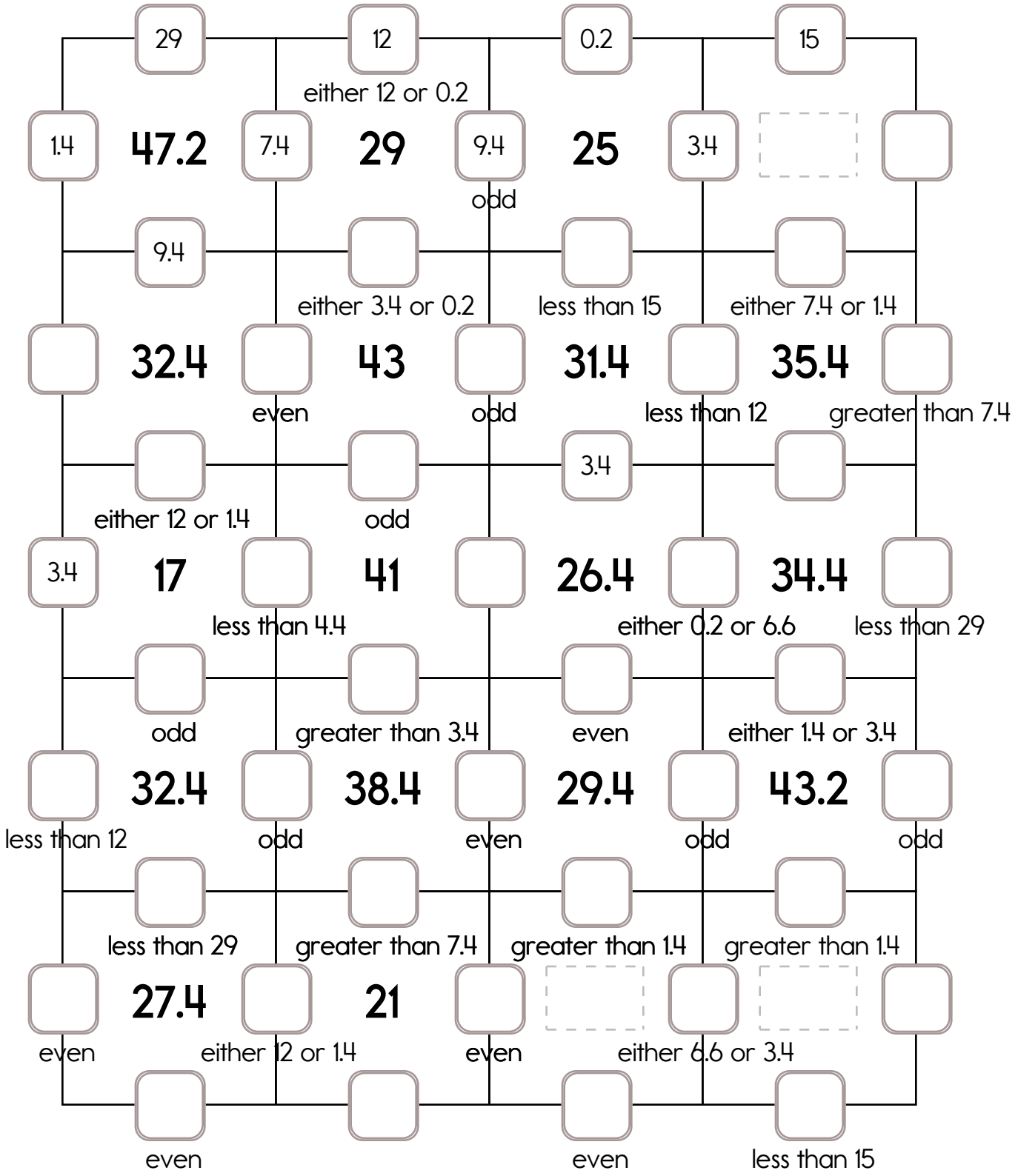


Name: _____

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: 29, 15, or 12.

The other three numbers have to all be DIFFERENT and must be from these: 4.4, 7.4, 9.4, 6.6, 1.4, 0.2, or 3.4.

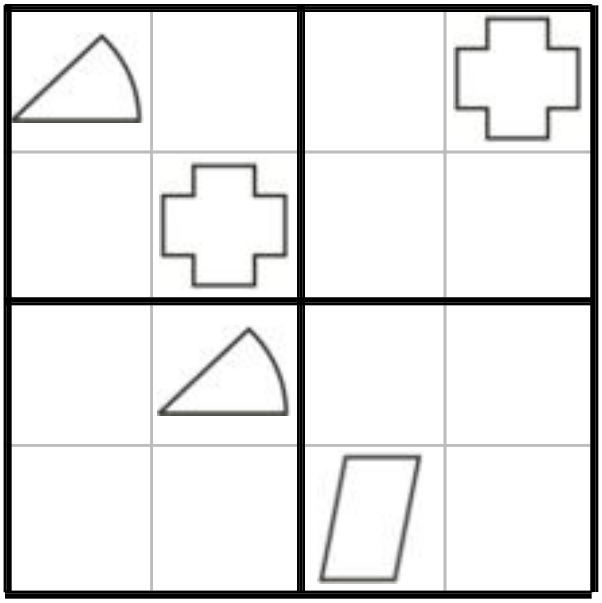


Name: _____

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

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

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



Name: _____

Sudoku Sums of 10

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 10.

Here is an example of a sudoku sum of 10:

6	4

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

Double the number 10 three times.

355 + 9 =

What number is halfway between 27 and 33?

6 x 8 - 4

12 x 9 =

___ ÷ 8 = 10

Name: _____

Each row, column, and box must have the numbers 1 through 6.

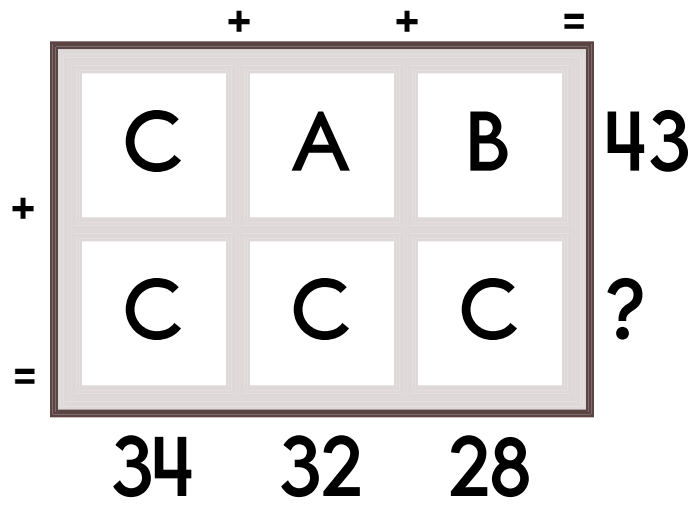
	3		4	2	
				5	
3	5		6		
	2				
1			2		
	6				5

companion • dictionary • cumbersome • underwear • pardon • galley

Each row, column, and box must have all the words from the word list. Write in the missing words.

pardon	underwear				companion
	pardon	cumbersome	companion		
				galley	
					underwear
	dictionary			pardon	

Name: _____



Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

C + C = 34 A + C = ___ ___ + ___ = 28

___ + ___ + ___ = 43

Additional hints:

C is the largest. B < 17 A = B + 4

Show Work:

Solve:

? = ___

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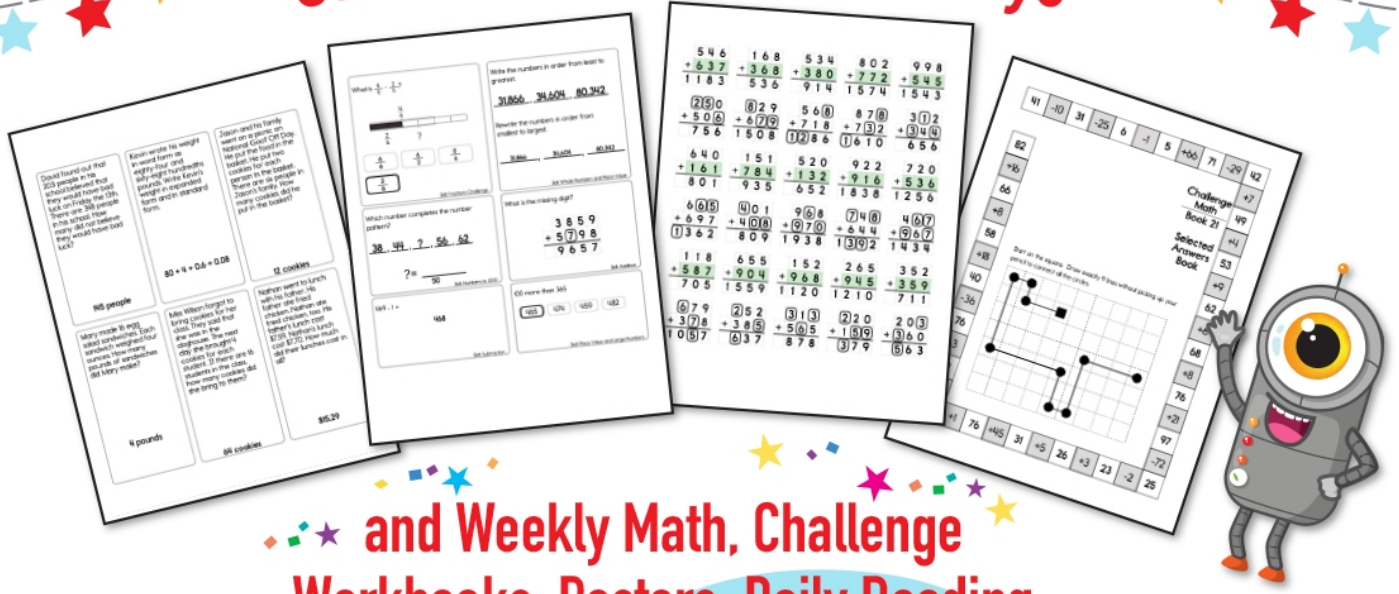

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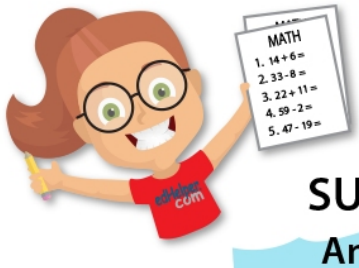

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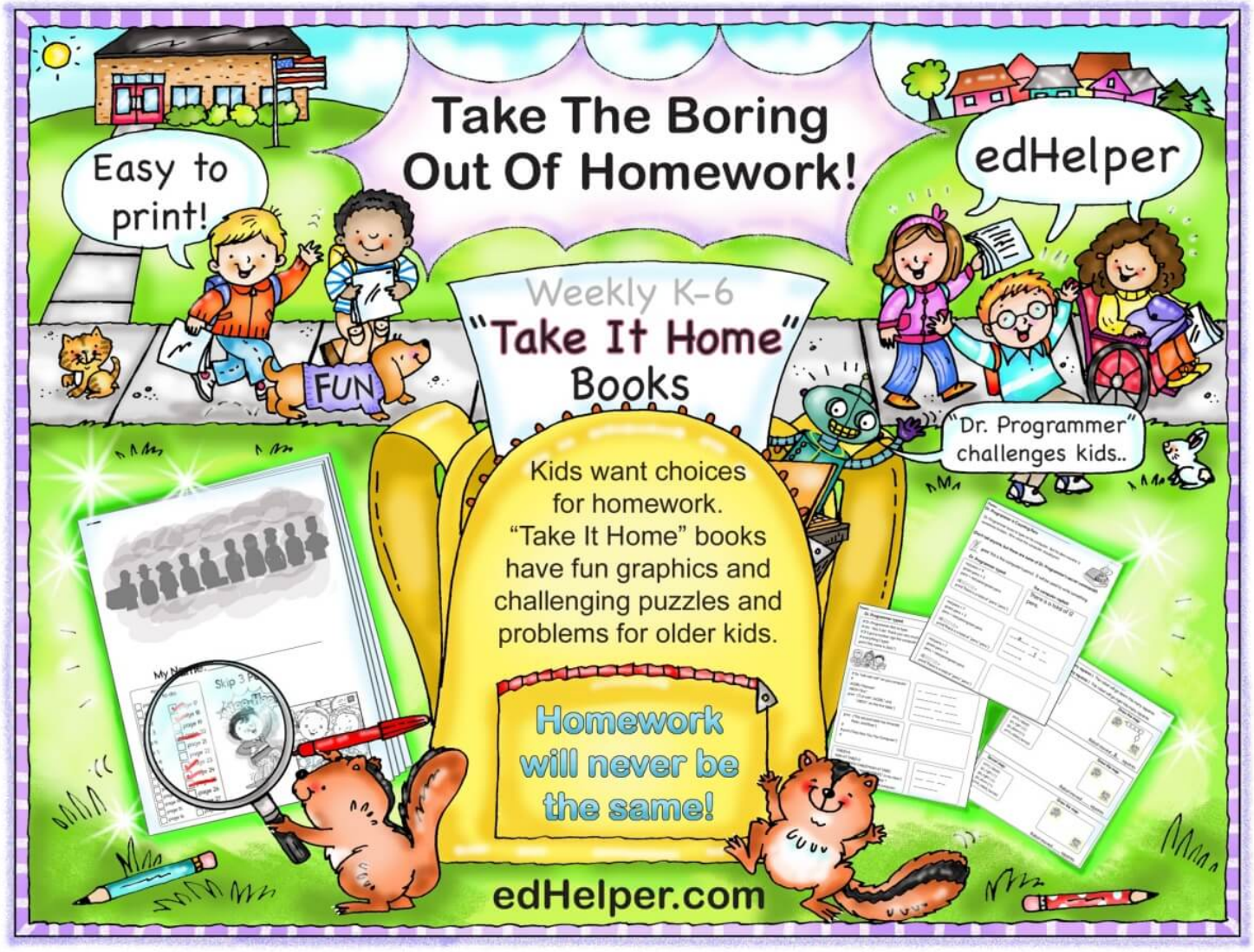
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