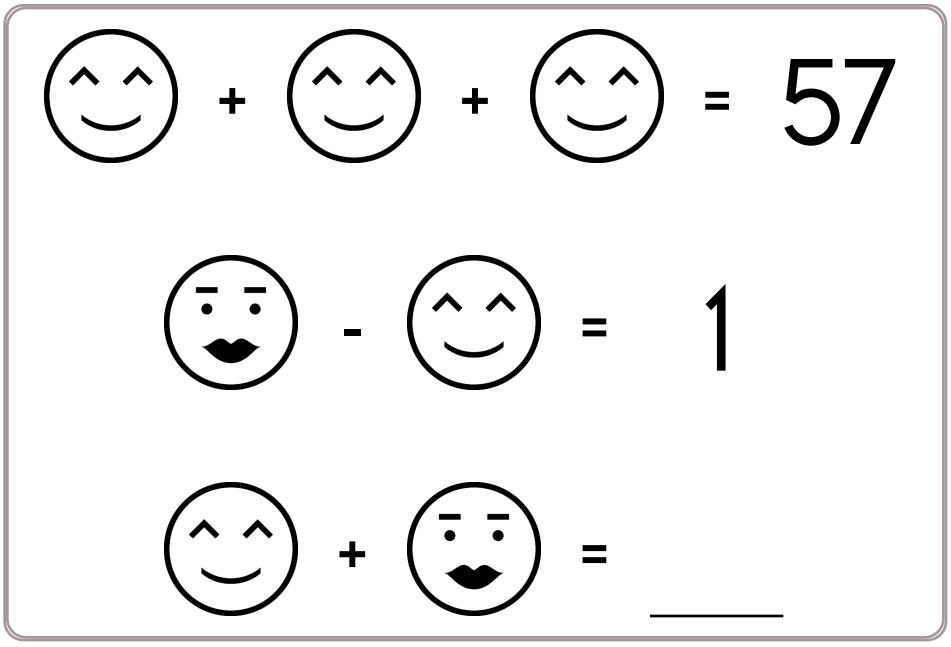
Name: _____

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

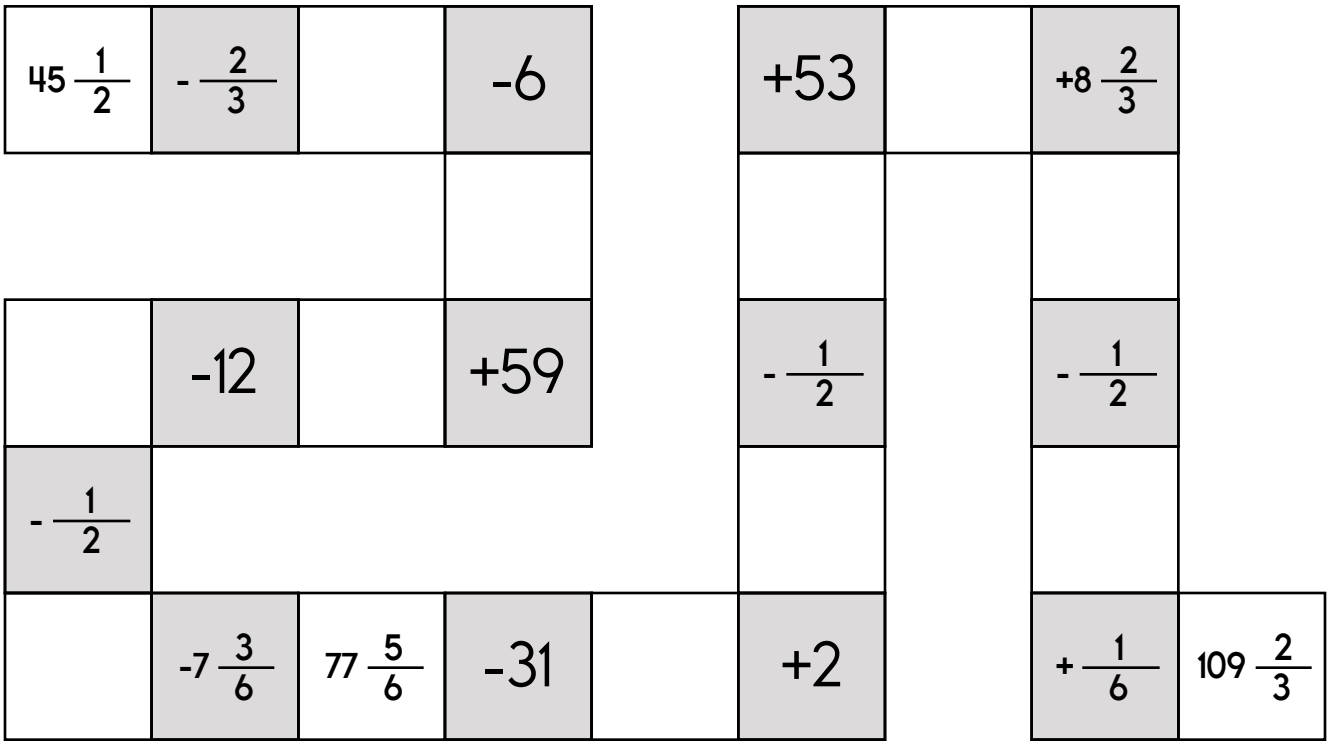
Then write the correct answer!

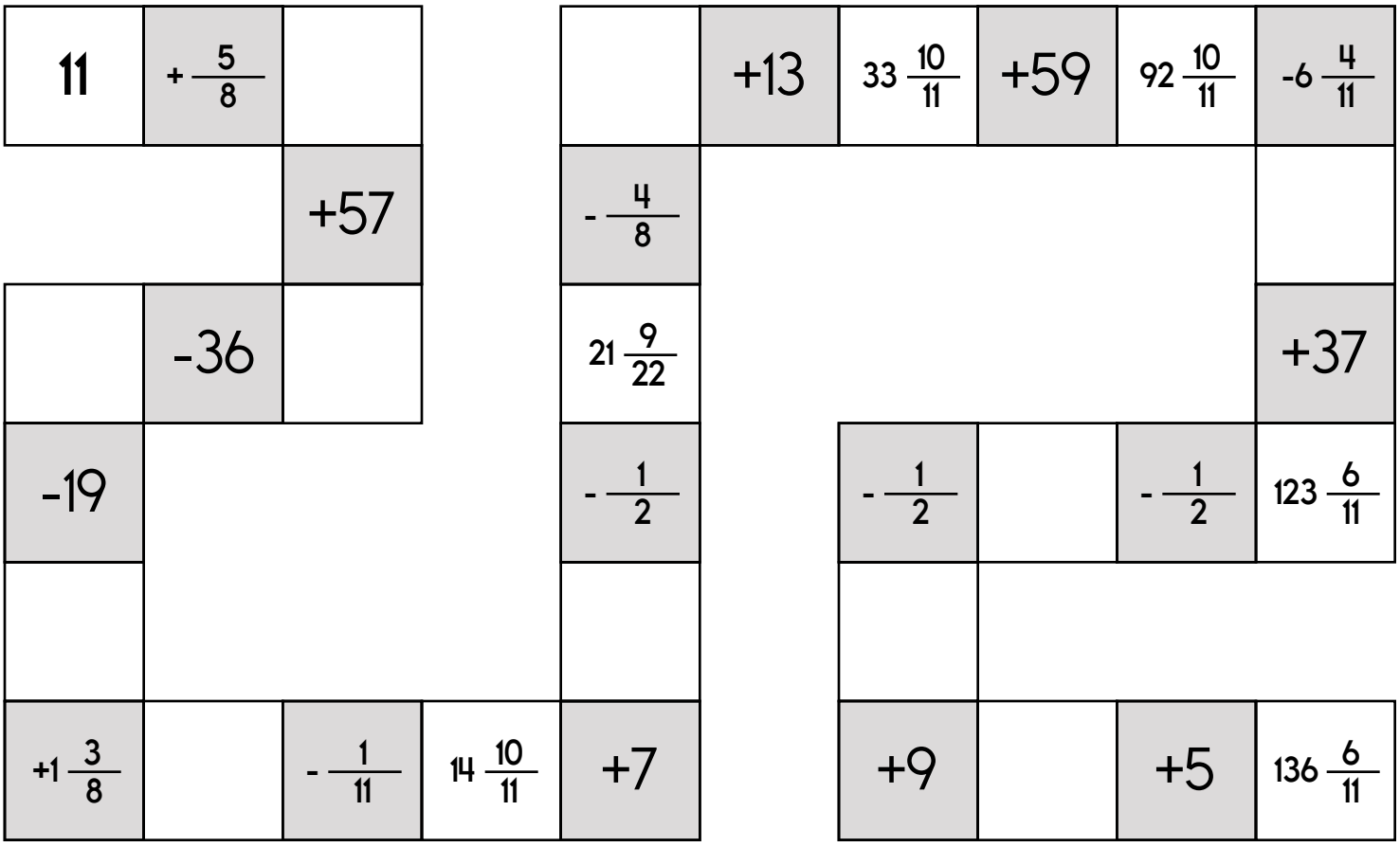


= _____ = _____

1 after 14 _____	1 before 15 _____	7 before 14 _____
3 after 18 _____	3 before 16 _____	8 before 13 _____
4 after 17 _____	4 before 19 _____	9 before 18 _____
8 after 11 _____	5 before 12 _____	2 before 11 _____
5 after 12 _____	6 before 17 _____	4 before 12 _____
2 after 30 _____	1 before 99 _____	5 before 48 _____
7 after 36 _____	6 before 54 _____	3 before 26 _____
6 after 47 _____	7 before 43 _____	2 before 93 _____
9 after 61 _____	9 before 94 _____	8 before 51 _____

Name: _____


45 1/2
- 2/3
-6
+53
+8 2/3
-12
+59
- 1/2
- 1/2
- 1/2
-7 3/6
77 5/6
-31
+2
+ 1/6
109 2/3


11
+ 5/8
+13
33 10/11
+59
92 10/11
-6 4/11
+57
- 4/8
-36
21 9/22
+37
-19
- 1/2
- 1/2
- 1/2
123 6/11
+1 3/8
- 1/11
14 10/11
+7
+9
+5
136 6/11

88 ÷ 8 = _____

Name: _____

Justin and Gavin were playing a board game they had made for Anti-Boredom Month. The game used a spinner with five spaces numbered 1 to 5. Justin needs to land on a number greater than 3 to win the game. What is the probability he will win the game on this spin?

Max didn't bother his sister when she was reading. He knew she really loved it; sometimes she didn't even hear him talking to her when she was reading. "Oh, she's just funny that way," he thought. Tonight she had read a whole book—all 338 pages in just four hours! At that rate, how long would it take Max's sister to read 1798 pages?

Hannah needs to make these two fractions equal. Help her find the missing number!

$$\frac{25}{40} = \frac{50}{??}$$

Jessica is trying to learn decimals. She only knows fractions. She's known fractions since she was 3. Now she is trying to learn decimals. Help her convert $\frac{3}{8}$ to a decimal.

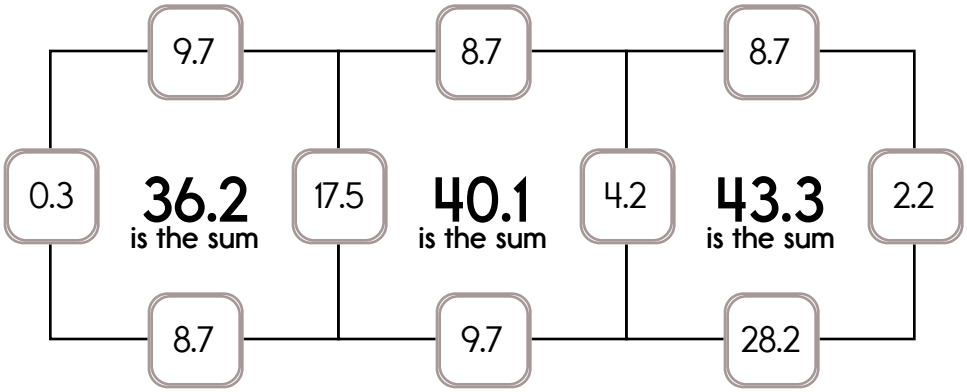
Name: _____

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

Example:
0.3 + 17.5 + 9.7 + 8.7 = 36.2

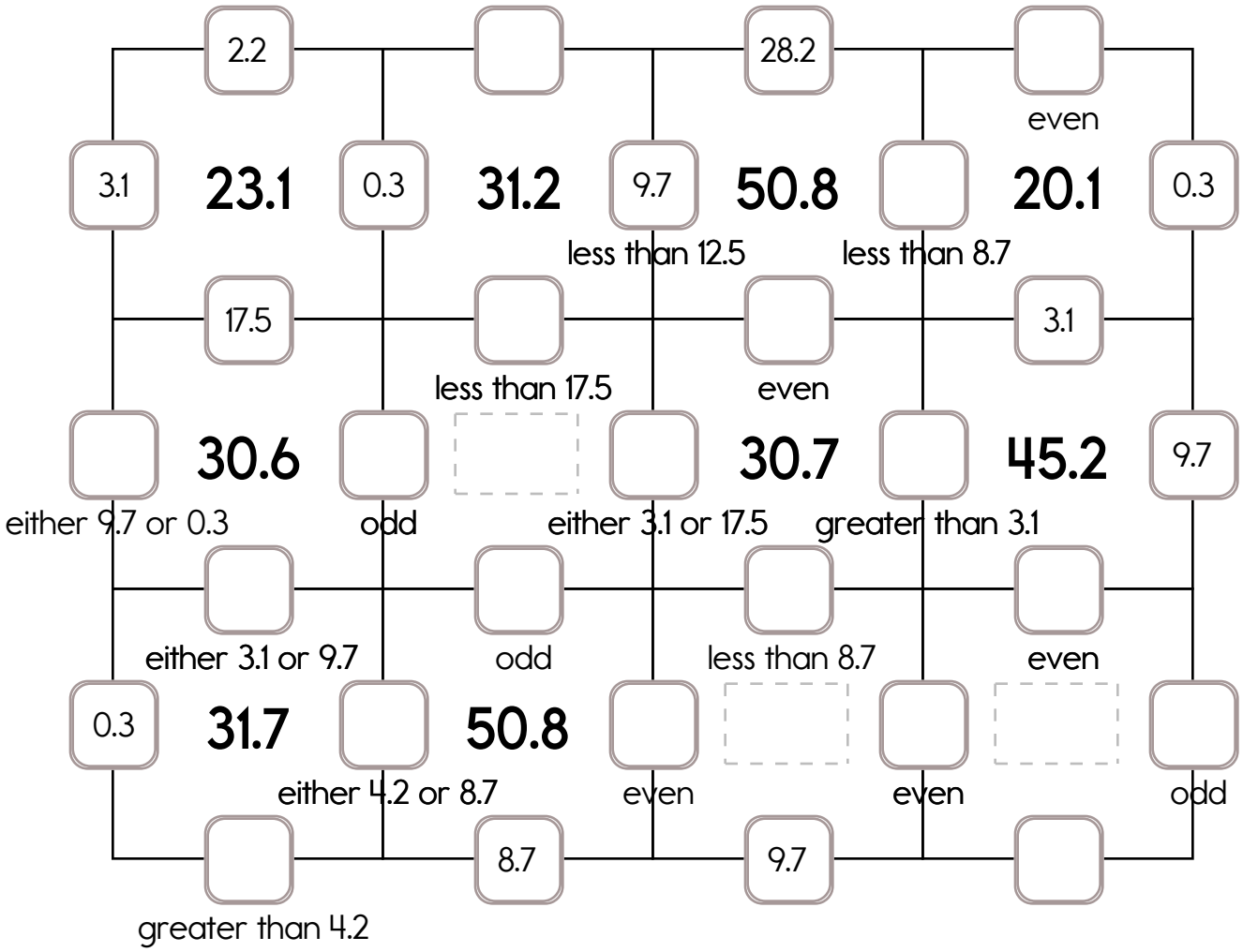
Example:
4.2 + 2.2 + 8.7 + 28.2 = 43.3

Sample:



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

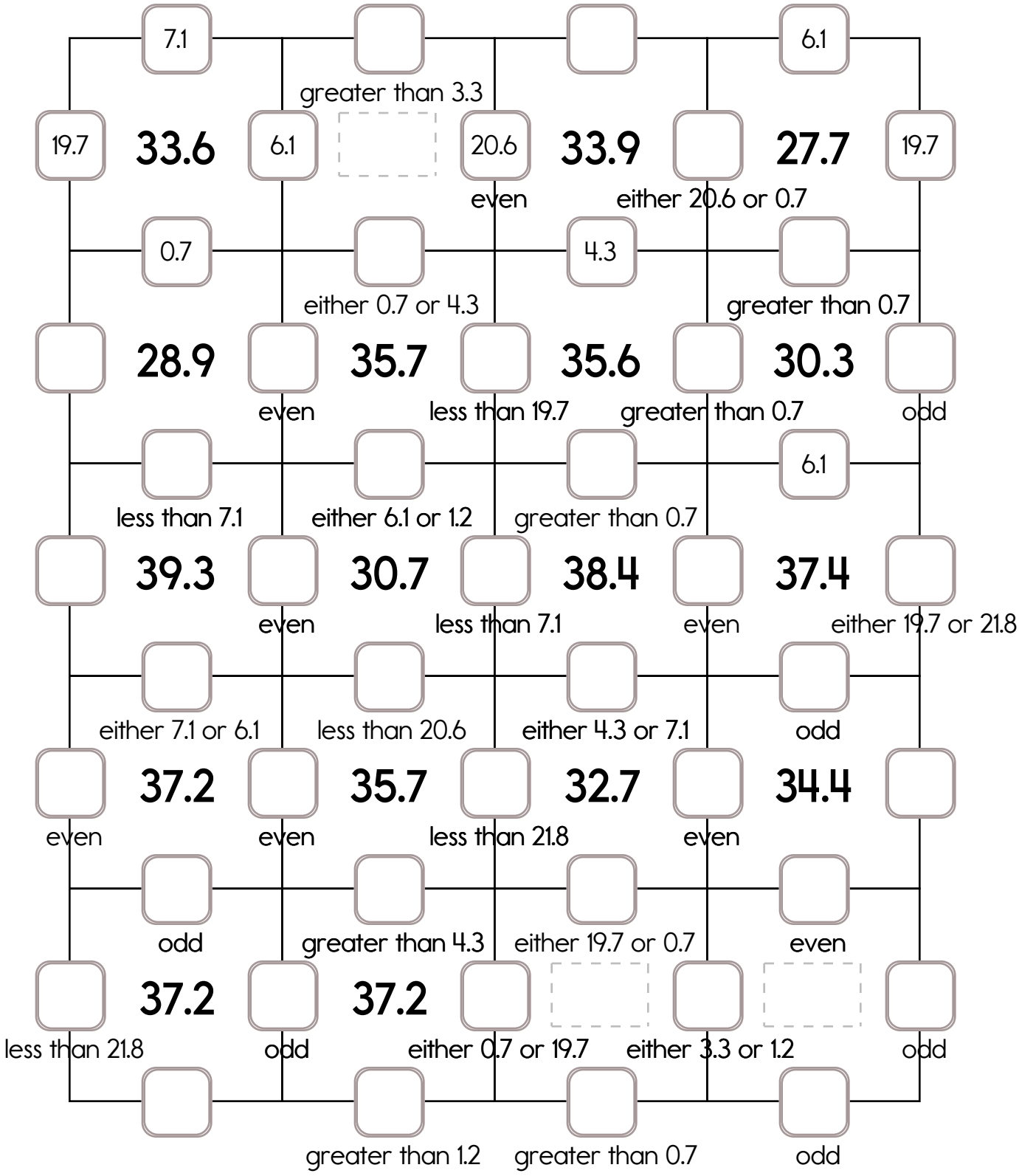
Exactly one of the four numbers has to be one of these numbers: 28.2, 17.5, or 12.5. The other three numbers have to all be DIFFERENT and must be from these: 3.1, 8.7, 0.3, 2.2, 9.7, or 4.2.



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: 19.7, 21.8, or 20.6. The other three numbers have to all be DIFFERENT and must be from these: 3.3, 7.1, 6.1, 8.3, 0.7, 4.3, or 1.2.



Name: _____

Cross off the number that does NOT belong.

8, 88, 89, 92, 1012, 1016

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

11, 10, 21, 31, 52, 83, 135, 216, 218, 353, 571, 924, 1495, 2419

Why does _____ not belong in the pattern?

Name: _____

Peter earns $6.75 per hour for babysitting and $4 per hour for yard work. He worked 8 hours last week -- 5 hours of babysitting and 3 of yard work. He saved all his money to take his parents to a movie. How much money did he save?

Two-fifths of the children at Deanna's Day Care like chocolate candy best. The rest of them like other kinds of candy. If there are 20 children at Deanna's Day Care, how many of them like chocolate candy best?

Sarah used masking tape to make a hopscotch outline on the floor of the playroom. She taped the full length and width of each of 16 squares. If she used 19 yards of masking tape, what were the measurements of each square?

$$\begin{array}{r} 44 \\ +\ 39 \\ \hline \end{array}$$

Amanda rolls a die. What is the chance of her rolling a 4?

_____

$$\begin{array}{r} 430 \\ +\ 460 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ -\ 14 \\ \hline \end{array}$$

Can 969 be evenly divided by 10? Circle:
969 is evenly divisible by 10
969 is NOT evenly divisible by 10

12 x 2 = _____

$$\begin{array}{r} 815 \\ -\ 781 \\ \hline \end{array}$$

366 - 351 = _____

Circle the greatest number:

73,854	12,096,510,293
375,014,892	4,867

Name: _____

Three girls ran a race.
Anne ran past Ava in the race and Ava never caught up.
Megan was not as fast as Anne.
Who won the race? Do you have enough information to know?

How many dimes make $1.40?

7 x 6 =

99 ÷ 9 = _____

80 ÷ 8 = _____

9 x 4 = _____

66 ÷ 6 =

If you divide 82 by 5, you get a remainder of 2.
Make up three other different equations where you divide by 5 and get a remainder of 2.

9 x 11 = _____

7 cm = _____ mm

10 x 6 =

77 ÷ 11 = _____

48 ÷ 12 =

Rewrite these in increasing order of length:

651 km, 553 dm, 669 cm

9 x 5 = _____

10 x 6 = _____

Name: _____

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

	D	F			S		B	L	
S	R			B	R	D		Y	
P		X	N	L				S	C
		Q				V			C
V	C		M	N			V	L	
	H			D	X	D	T		R
R		S	T	N	D		D	R	
T	B			**E**	**L**	**U**	**D**	**E**	T
Y	L	T	D	T		B	L		
				B	S	H			T

EXQUISITE • ELUDE • ANIMATED
BLAND • SHEET • FEASIBLE • DIVIDE
SOLAR • POVERTY • REACHABLE
ACCURATE • TABLE

Jessica got a new soccer shirt. Can you guess the number on the back of her shirt?

It has two digits.
The digits add up to 13.
The larger digit is 1 more than the smaller digit.
The number is odd.

3 x 8 = _____

3 x 12 = _____

How many millimeters are in 4 centimeters?

_____ millimeters

2 x 3 = _____

The equation 60 ÷ 2 + 47 = 77 uses three different numbers and two different equations.
Make up your own equation which also has three different numbers and two different equations. The answer to your equation needs to be 325.

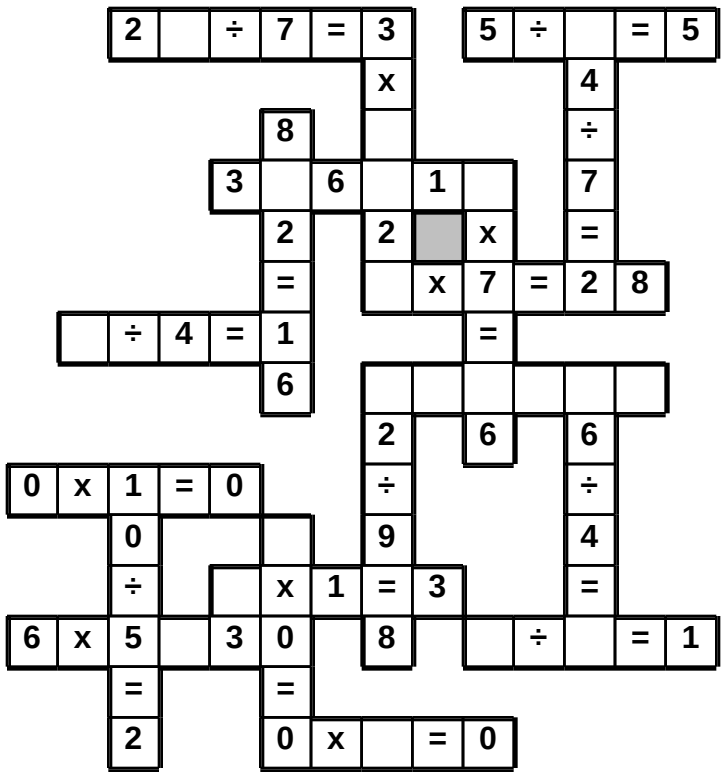
Can 617 be evenly divided by 6? Circle:
617 is evenly divisible by 6
617 is NOT evenly divisible by 6

108 ÷ 12 = _____

Name: _____

1 • 1 • 8 • x • = • 8 • 4 • 4 • 7 • x • 5 • = • 3 • 5 • 3 • 3 = • 9 • 9 • 9

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



1 kg = 1,000 g

6 kg = _____ g

For 8,599,327,936,256,561, write the digit that is in the ten thousands place.

_____

99 ÷ 9 = _____

7 x 8 =

36,472 - 23,944 = _____

30 ÷ 3 = _____

What time is 17 hours after 4:00 p.m.?

_____

8 ÷ 4 = _____

You cannot decide what pizza store to go to. Anna's pizza cuts their pizza into 5 slices. Each slice costs $5 each. Rosa's pizza cuts their pizza into 8 slices. Each slice costs $3 each. If you like each pizza the same, which pizza store has the better buy?

word root **con** can mean **together or with** **conclusion, contract, convert**

Name: _____

$\frac{N}{6} = 6$

$\frac{N}{49} = 34$

$\frac{24}{N} = 6$

$18m = 54$

$5y = 15$

$10y = 20$

$18n = 864$

$768 = 24m$

$26m = 1040$

$\frac{N}{27} = 50$

$16y = 64$

$2m = 14$

Name: _____

Cross off the number that does NOT belong.

15, 20, 25, 30, 35, 40, 43, 45

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

(46,656), (7,776), (7,126), (1,296),

(216), (36), (6), (1),

$\frac{1}{6}$, $\frac{1}{36}$

Why does _____ not belong in the pattern?

Name: _____

6 x 35 ÷ 5 - 42 ÷ 7 =

6 x 12 x 10 + 7 + 2

$\frac{7}{10} \div \frac{36}{40} =$

A circle graph has four sections. Only three sections are labeled. The labels are 26%, 9%, and 8%. What should the missing section be?

What is the mode of the following number set?

40, 40, 44, 34, 44, 47, 48, 36, 34, 45, 46, 34, 37, 43, 39

0.7 (0.4 (0.7 + 2)) =

Simplify.

$\frac{18}{36} =$

7 + (84 ÷ 7) - 100 ÷ 10 =

If p = -7 and b = 33 then what is the value of z?
7p + 10b - 2b = z

0.5 (0.8 (0.5 x 5)) =

What is the greatest common factor of the numbers 126 and 84?

|-9| - y = 7

y =

$5 \times 5 = Z^y$

What is the value of Z and y?

Circle the least amount:
28%
0.13

$\frac{11}{25}$

6z - 18.8 = 11.2

z =

Name: _____

treadmills • inhabit • protein • volcanoes • ideals • combs

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

				combs	
		treadmills	inhabit		
		ideals			
protein					inhabit
combs					
	volcanoes	inhabit			combs

24 ÷ 6 = _____

72 ÷ 12 =

2 x 5 = _____

The letters F, G, J, L, N, P, Q, R, S, and Z do not have line symmetry. The rest of the letters in the alphabet do. Can you write someone's name where the complete name has line symmetry? Hint: You cannot use all of the letters. You could use B in a name, but M would not work.

49,846 - 44,552 = _____

Amy is older than Maria. Amy is older than Rose. Who's the oldest?

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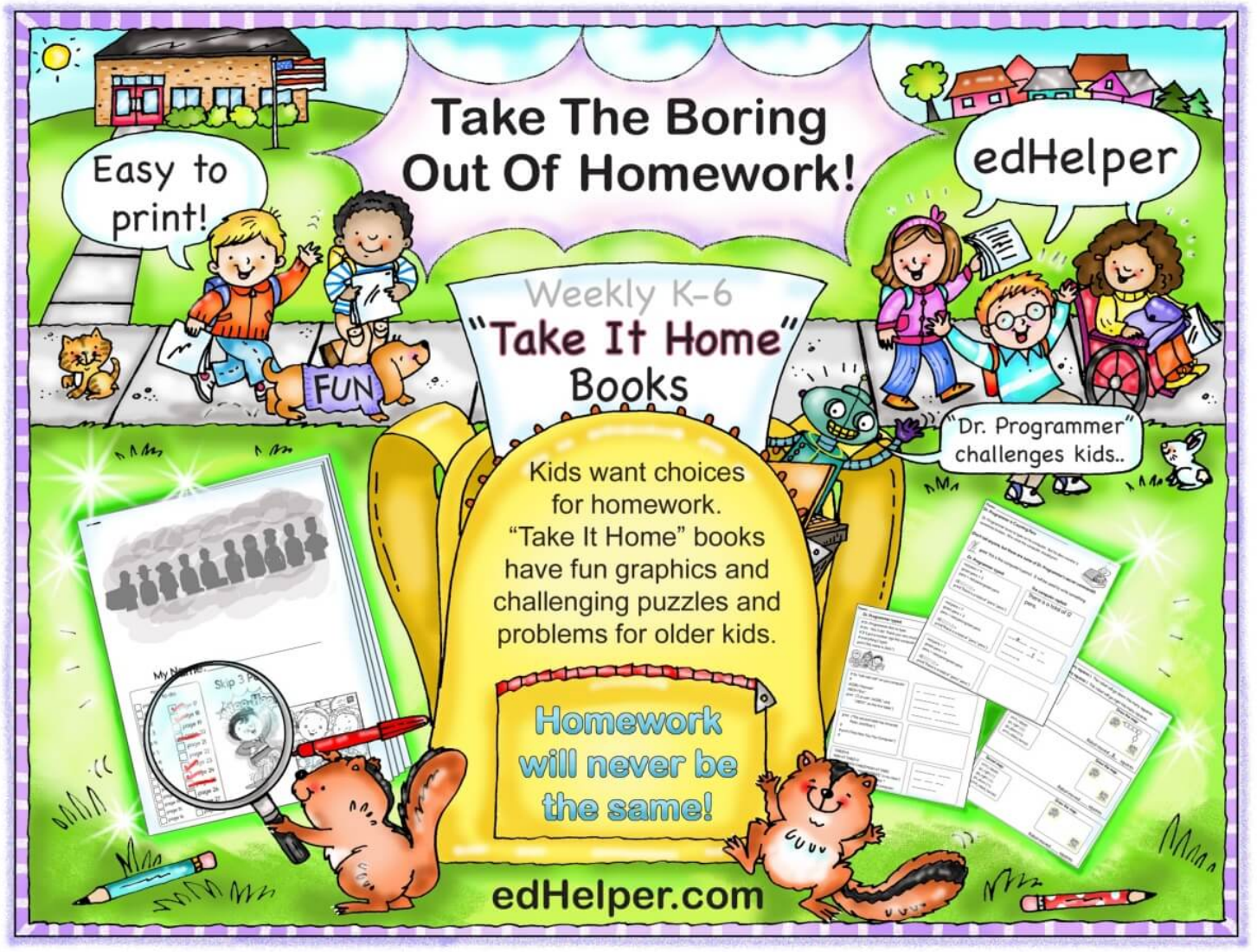
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