Name: _____

20 = _____ tens

8,940 = _____ tens

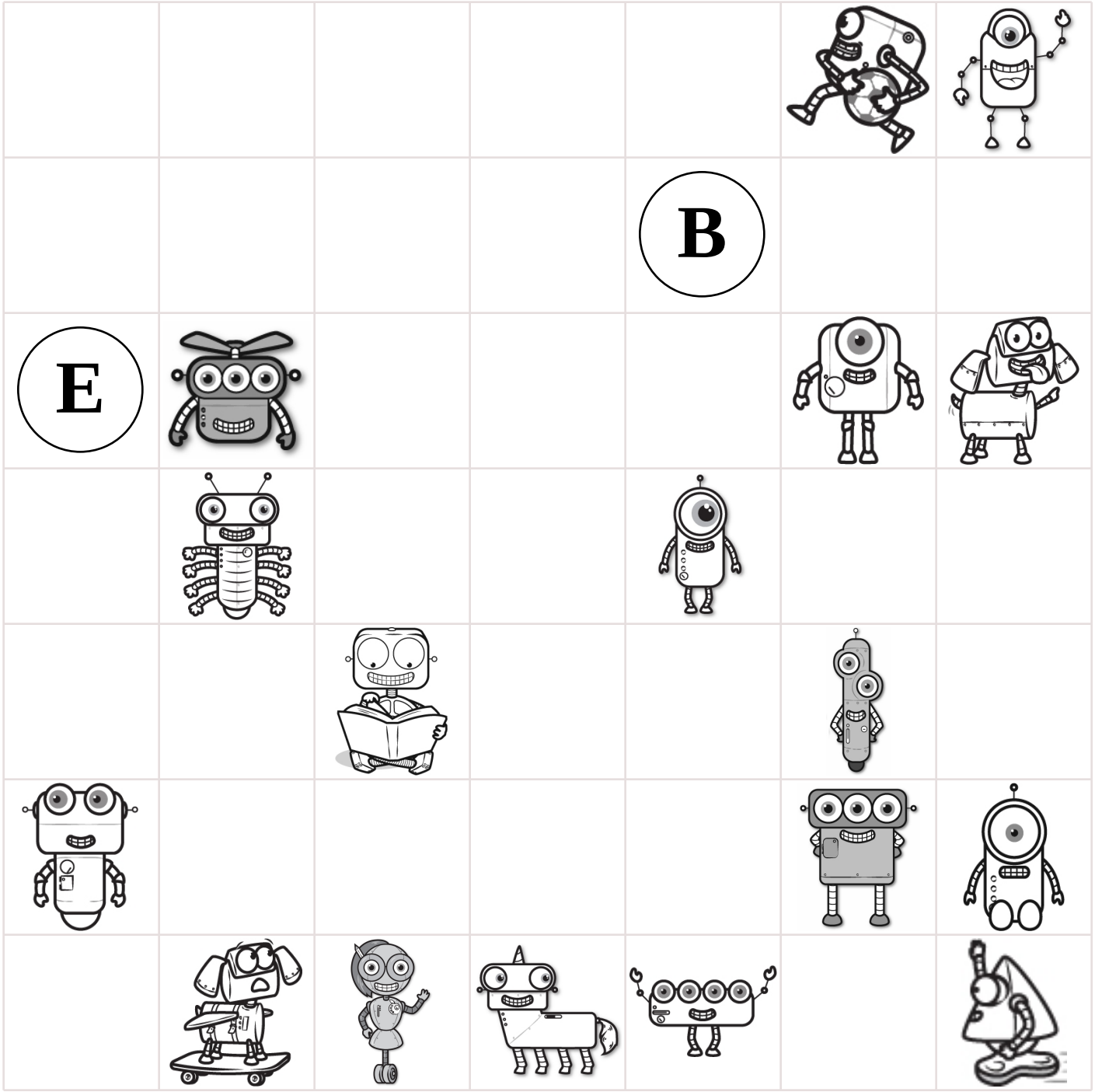
170 = _____ tens

840 = _____ tens

Gavin needs to show the class his homework. He drew two rectangles of equal area. The first rectangle is 3 cm by 8 cm. The second rectangle has one side that is 4 cm, but Gavin can't read his own handwriting for the other side! He needs to figure it out in his head while he is explaining to the class. What's the other side? Quick. Help him!

Name: _____

Pick up all of the robots from the game board. Start on the **B** circle. Do not pick up your pencil. Draw a line going left, right, up, or down. **Every line must end on a robot or the E circle. No stopping on an empty box.** Try to collect all the robots and end your last line on the **E** circle. You can go through a robot more than once.



Didn't get them all? That's ok. This was hard. I missed only _____ robot/robots.

Name: _____

Write as a decimal.
Three and two hundredths

Write as a decimal.
Fifteen and ninety-seven hundredths

Write as a decimal.
Seven thousandths

Reduce $\frac{10}{25}$ to its lowest terms.

Reduce $\frac{8}{10}$ to its lowest terms.

Reduce $\frac{24}{72}$ to its lowest terms.

$$\begin{array}{r} 34 \\ +\ 38 \\ \hline \end{array}$$

Find the sum of 19, 17, and 40.

Find the difference between 643 and 106.

What is the greatest common factor of 3 and 12?

What is the greatest common factor of 8 and 12?

What is the least common multiple of 4 and 8?

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

Reduce $\frac{12}{15}$ to its lowest terms.

Reduce $\frac{10}{20}$ to its lowest terms.

Name: _____

What is the least common multiple of 6 and 10?

What is the greatest common factor of 2 and 6?

What is the least common multiple of 9 and 12?

Write as a decimal.

$\frac{2}{100}$

Write as a decimal.

$\frac{4}{100}$

Write as a decimal.
Eight and five tenths

$2 + 3 + 4 =$

$$\begin{array}{r} 96{,}425 \\ -\quad 107 \\ \hline \end{array}$$

Find the difference between 432 and 45.

Reduce $\frac{12}{14}$ to its lowest terms.

Reduce $\frac{6}{12}$ to its lowest terms.

Reduce $\frac{9}{18}$ to its lowest terms.

Reduce $\frac{8}{16}$ to its lowest terms.

Reduce $\frac{4}{28}$ to its lowest terms.

Reduce $\frac{4}{10}$ to its lowest terms.

Name: _____

Mary is making prize bags for Weird Contest Week. She has 50 prizes. She is going to put an equal number in each of 10 bags. She wants to put as many prizes in each bag as she possibly can. After she has filled 7 bags, what fraction of the prizes does she have left?

Kevin is having a cookout at his house. He likes autumn better than any other season. Every year he has a party on the first day of autumn. This year Kevin's cookout begins at 4:00 p.m. It is 3:46 p.m. on the day of the party. How long will it be until the party begins?

Mr. Clark is going to the Grand Canyon. He wants to take a tour. Tim's Tours charges $49 for a 3-hour tour. Tom's Treks charges $68.50 for a 3-hour tour. How much more does Tom's Treks charge?

Which number is eight hundred fifty-seven?

857 875 8,570 7,085

Which is larger, $\frac{1}{3}$ or $\frac{3}{6}$?

_____

- ○ spehn
- ○ spent
- ○ spen
- ○ spint

If you add 9 to me, the sum is 76. What number am I?

_____

- ○ check
- ○ chihk
- ○ cheh
- ○ chec

What is the value of the BIG digit?

121,997

_____

How many seconds are in eight minutes?

_____

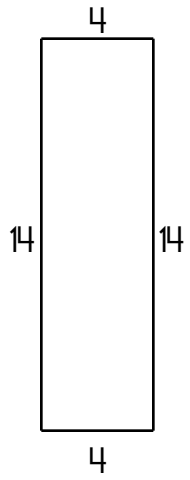
- ○ bunch
- ○ buch
- ○ bunc
- ○ bunh

List the first four multiples of 11.

_____ _____ _____ _____

word root **contra** can mean **opposite or against** **contradict**

Name: _____



The perimeter is _____.

What temperature is twenty-nine degrees above freezing in Celsius?

_____

Write the number with 5 hundreds and 3 ten-thousands.

_____

- ○ maht
- ○ miitt
- ○ muht
- ○ mitt

If ☐ = 8, then ☐ - 3 = _____

Fill in the blanks with these numbers:
2, 1, 6

+		3
3		9

Fill in the blanks with these numbers:
1, 3, 4

+	8	1
9		

How many days are in October?

_____

$$\begin{array}{r} 21 \\ +\ 40 \\ \hline \end{array}$$

If C + C = 18, then what does C equal?

_____

Complete each analogy with the best word.

thunder	window	floor	table
ears	clouds	wall	snow

bedspread : bed ::

curtain : _____

see : lightning ::

hear : _____

Fill in the missing fractions.

$\frac{2}{8}$, _____ , _____ , $\frac{5}{8}$

Name: _____

Share 14 equally among 2.

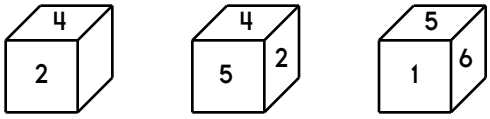
_____

Which is larger, 0.3 or 0.8?

_____

$$\begin{array}{r} 7 \\ 2 \\ +\ 8\,9 \\ \hline \end{array}$$

This is the look at one cube that is turned around a few times.



This pattern can be folded into the cube. Fill in the missing boxes.

6	5	
		4

What number is one hundred thousand more than 7,732?

_____

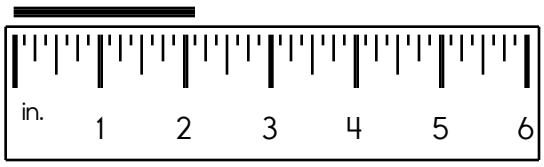
How many inches are in three feet?

_____

$7\overline{)35}$

Write the length in inches.

_____

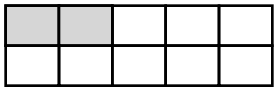


Write a word problem for $3 \times 4 = 12$.

It is 81 degrees Fahrenheit outside. What would you wear if you are going outside?

_____

Write a fraction to represent what is shaded.



_____

Name: _____

133 - 59	129 - 37	34 + 24	128 - 29	21 + 41	39 + 14
85 + 38	100 - 20	76 + 16	74 + 70	143 - 85	108 - 38
38 + 68	139 - 54	171 - 87	152 - 84	25 + 26	34 + 32
49 + 22	48 + 99	131 - 87	87 - 42	16 + 10	100 - 86
74 + 84	173 - 99	24 + 65	78 - 29	31 + 61	116 - 55
84 - 28	120 - 77	75 + 68	85 - 40	49 + 91	58 + 53
116 - 32	65 + 82	42 + 95	41 + 17	91 - 22	97 - 43

7
+ 3
□

+ 9
□

+ 4

23
- □

21
+ □

26
- □

24
+ □

26
- 6
□

+ 6

26
+ □

32
+ 4
□

Name: _____

4 • 0 • 2 • 3 • + • 4 • + • 1 • = • 0 • 6 • 7 • = • 6 • 8

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

	+	6	=	1	
+					
2	+		=	5	
=				-	
6		2		5	
		+	9		1
		=		-	
				7	

Fill in the boxes so each line equals 16.

16
80 ÷ ☐
☐ - 3
2 x ☐
(☐ - 6) + ☐

The sum of two whole numbers is twenty-seven. The difference between the two numbers is five. What are these two numbers?

_____

Write the adjectives in the correct order.

proud, brief, small

_____

Name: _____

Cross off the number that does NOT belong.

$\frac{3}{9}$, $\frac{6}{9}$, 1, $1\frac{3}{9}$, $1\frac{6}{9}$, 2, $2\frac{3}{9}$, $2\frac{6}{9}$, 3, $3\frac{3}{9}$,

$3\frac{5}{9}$, $3\frac{6}{9}$, 4, $4\frac{3}{9}$, $4\frac{6}{9}$, 5, $5\frac{3}{9}$, $5\frac{6}{9}$, 6

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

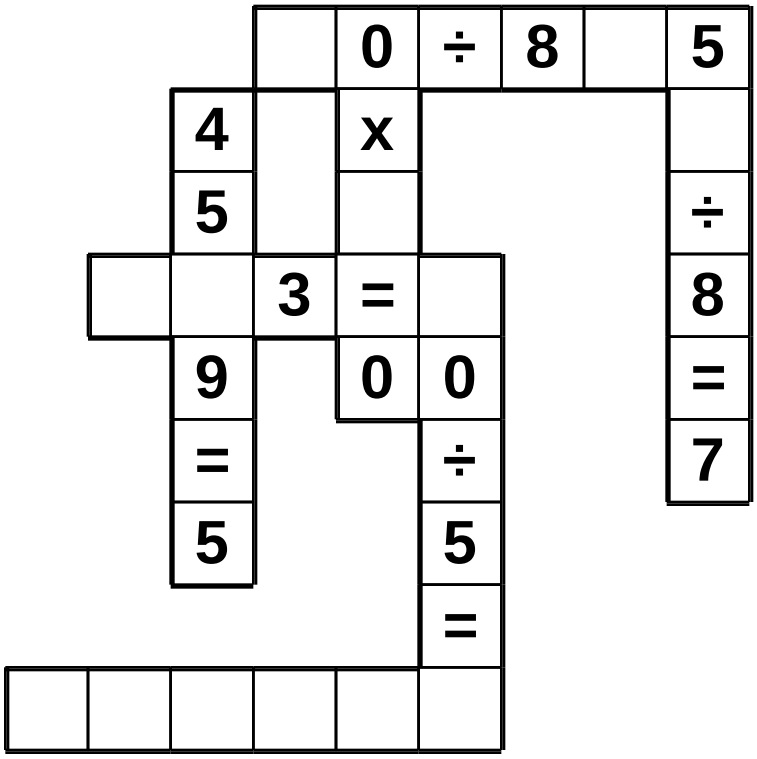
16, 23, 33, 46, 62, 81, 103, 108, 128, 156, 187, 221

Why does _____ not belong in the pattern?

Name: _____

4 • = • 6 • 1 • 6 • ÷ • 2 • 8 • x • 8 • = • 6 • 4

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



4 + 10 + 2

Write the number that has exactly 5 hundred thousands.

In the equation 20 x 412 = 8,240, which number is the product?

Circle the five numbers whose sum equals 13.

1	7	11	12
8	3	1	7
11	1	8	8

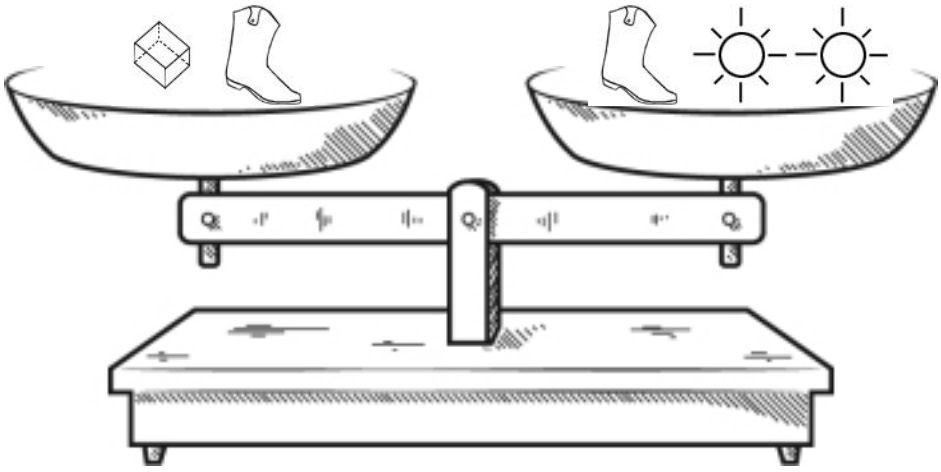
Circle the three numbers whose sum equals 42.

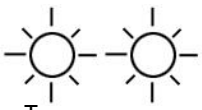
17	18	7	12
5	14	6	5
4	10	14	17

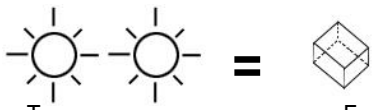
W, _____, T, K, Q, J,

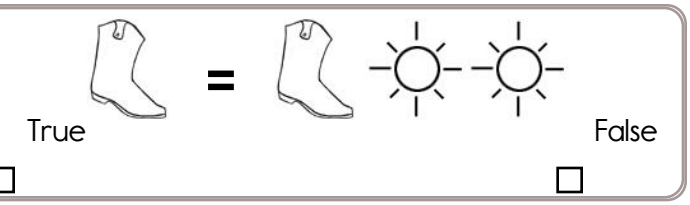
N, I, K, H, H, G

Name: _____




True ☐ False ☐


True ☐ False ☐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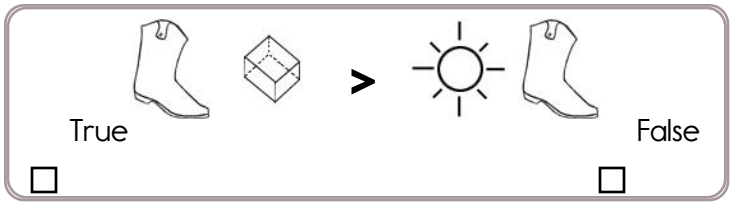
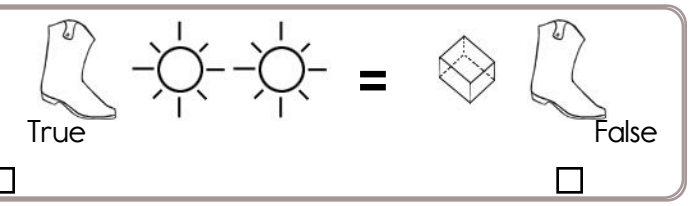
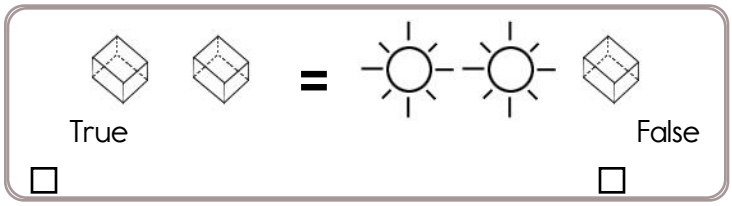
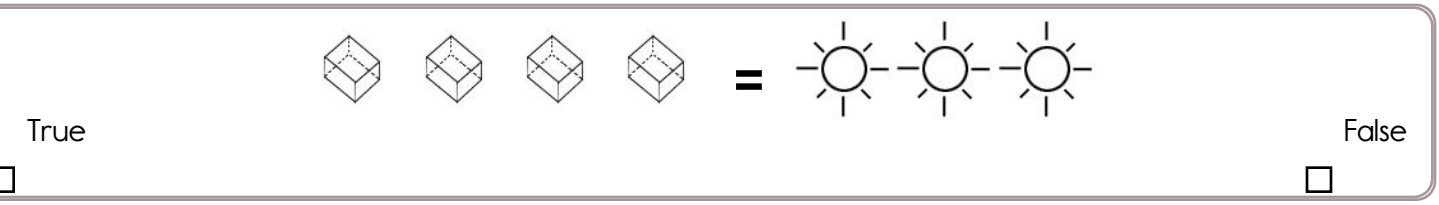
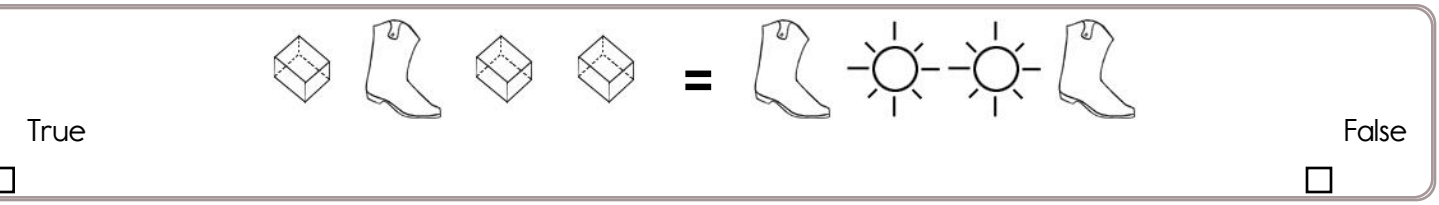

True ☐ False ☐


True ☐ False ☐


True ☐ False ☐


True ☐ False ☐


True ☐ False ☐

Did you find that four are true? If not, look again!

Hint: If you see the same pieces on both sides, you might need to remove both pieces.

You should only mark TRUE if you are absolutely sure it is correct!

word root **aqua** can mean **water** **aquarium, aquatic**

Name: _____

Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.

L U N C H R O O M S L
S A I L B O A T S D A L
N S L I P P E R S U U E
U D R E P L A C E S G A
N R D U E P A P A T H V
O O C H A P T E R S S E
W V S H O S P I T A L S
N E O L E A D E R N U T

Write the words found.

NUT _____ HOSPITALS _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

_____ _____

Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.

A E A R T H Q U A K E S
S C O W N U M B E R S
G R A N D F A T H E R S
F U N B E N E F I T S N
I G O N E P L A N E T O
T T R A D I T I O N S T
W H E N E V E R H O M E
H E C A G E S D R I E S

Write the words found.

DRIES _____ HOME _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

_____ _____

Name: _____

l r d f w l e a v e h e l
e n u l h v n h u s e r e
a u e s e b s o d r i e s
d m p l n e r m d r o v e
e b l i e n e e c d u s t
r e a p v e p n a g n o t
p r n p e f l u g o n f a
a s e e r i a n e n u u s
p a t r n t c t s e t n t
a d o s b s e l a u g h s

How many of the words can you find from the previous page?

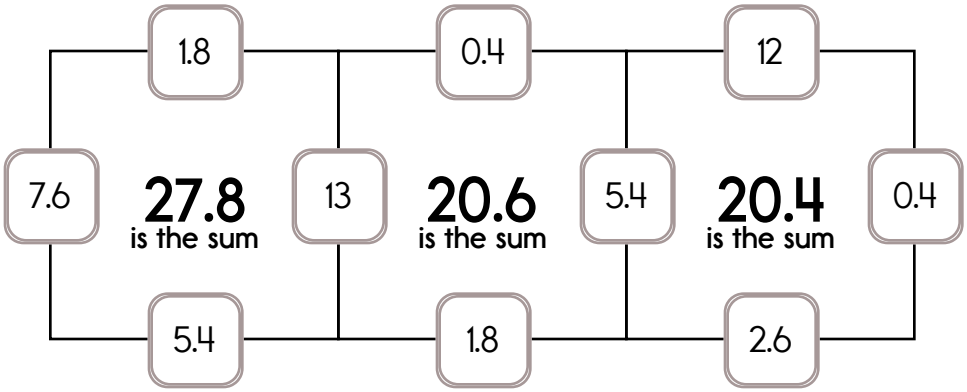
Name: _____

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

Example:
7.6 + 13 + 1.8 + 5.4 = 27.8

Example:
5.4 + 0.4 + 12 + 2.6 = 20.4

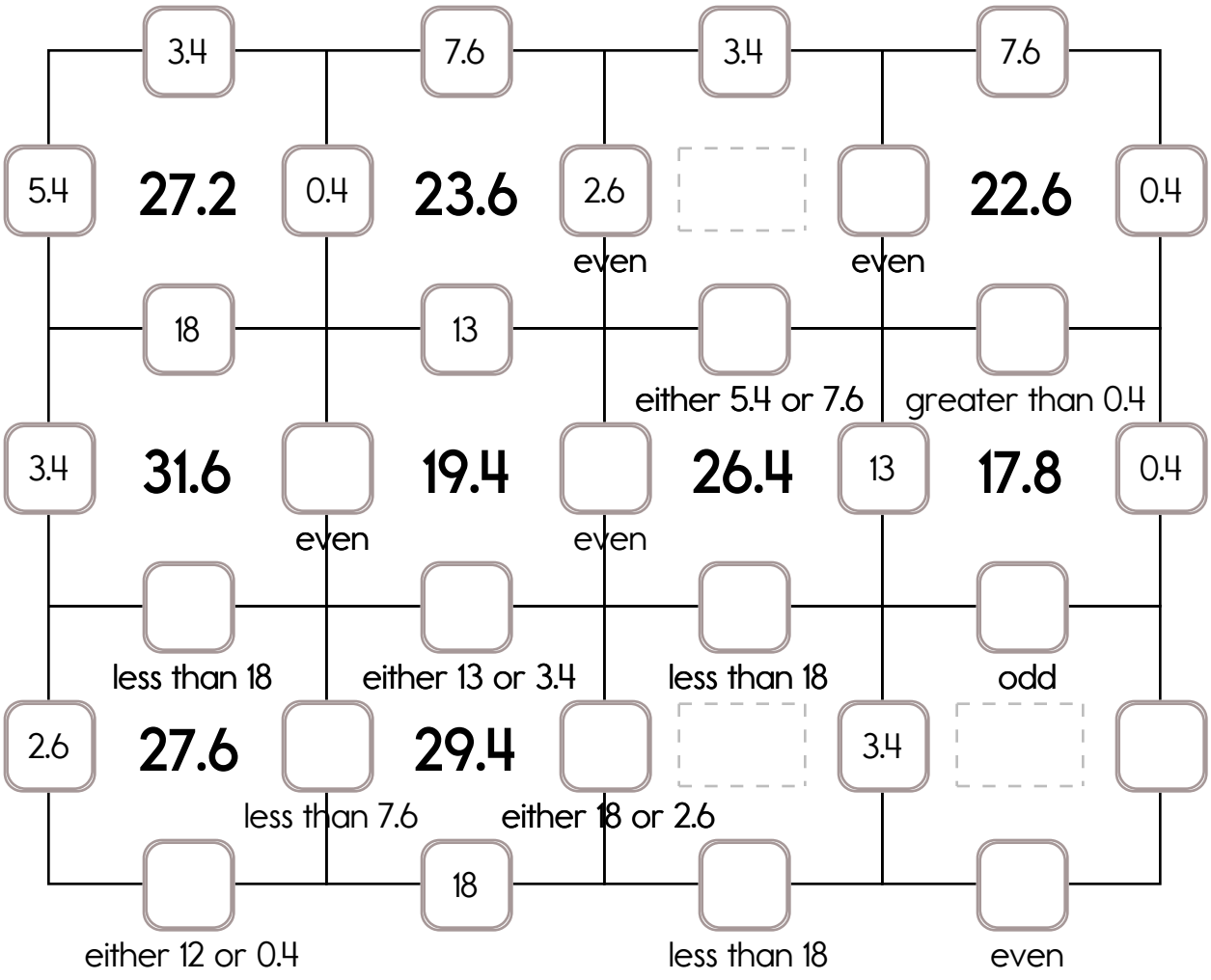
Sample:



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, 12, or 18.

The other three numbers have to all be DIFFERENT and must be from these: 1.8, 7.6, 3.4, 5.4, 2.6, or 0.4.

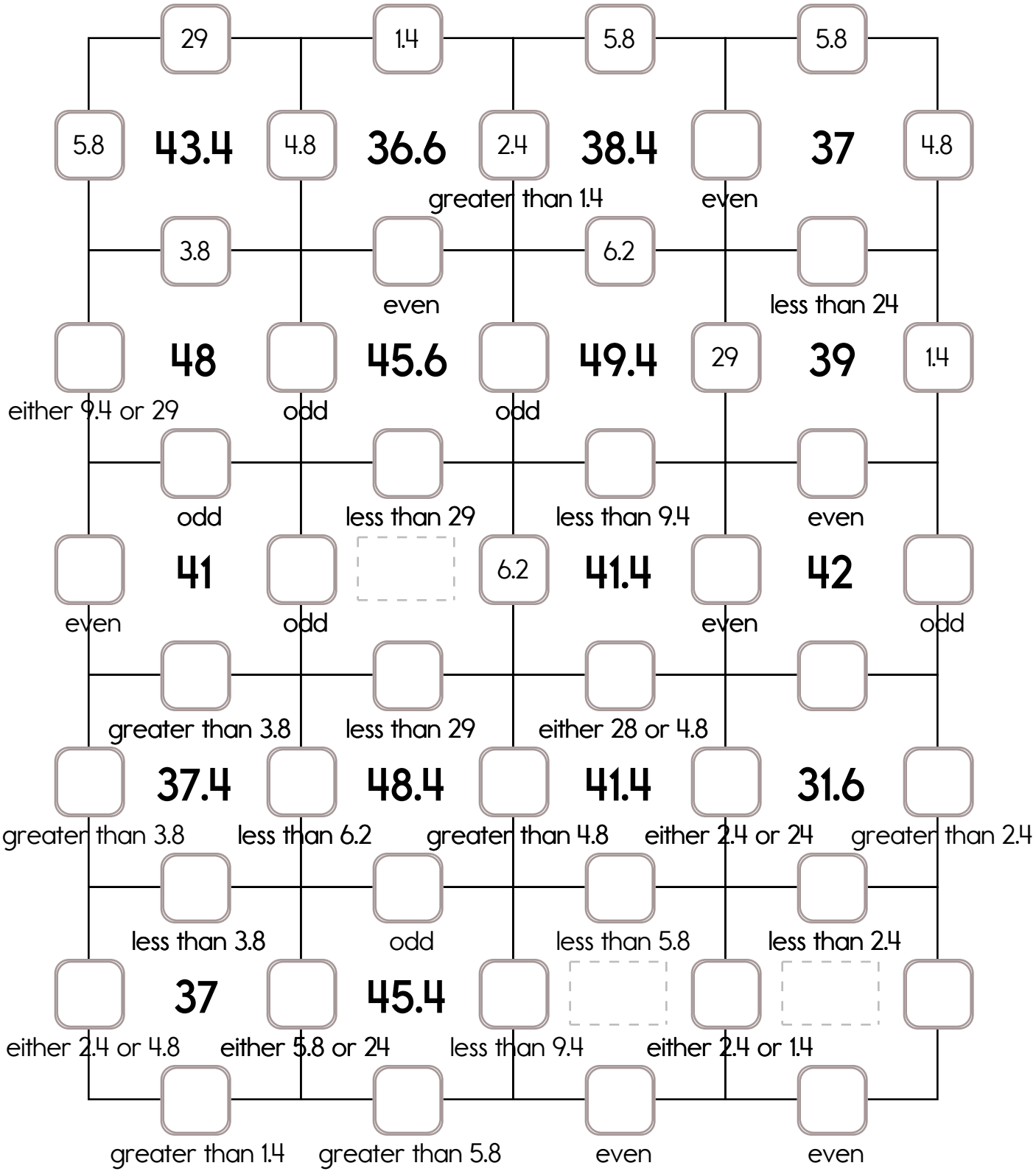


Name: _____

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: 28, 24, or 29.

The other three numbers have to all be DIFFERENT and must be from these: 2.4, 4.8, 3.8, 6.2, 1.4, 9.4, or 5.8.



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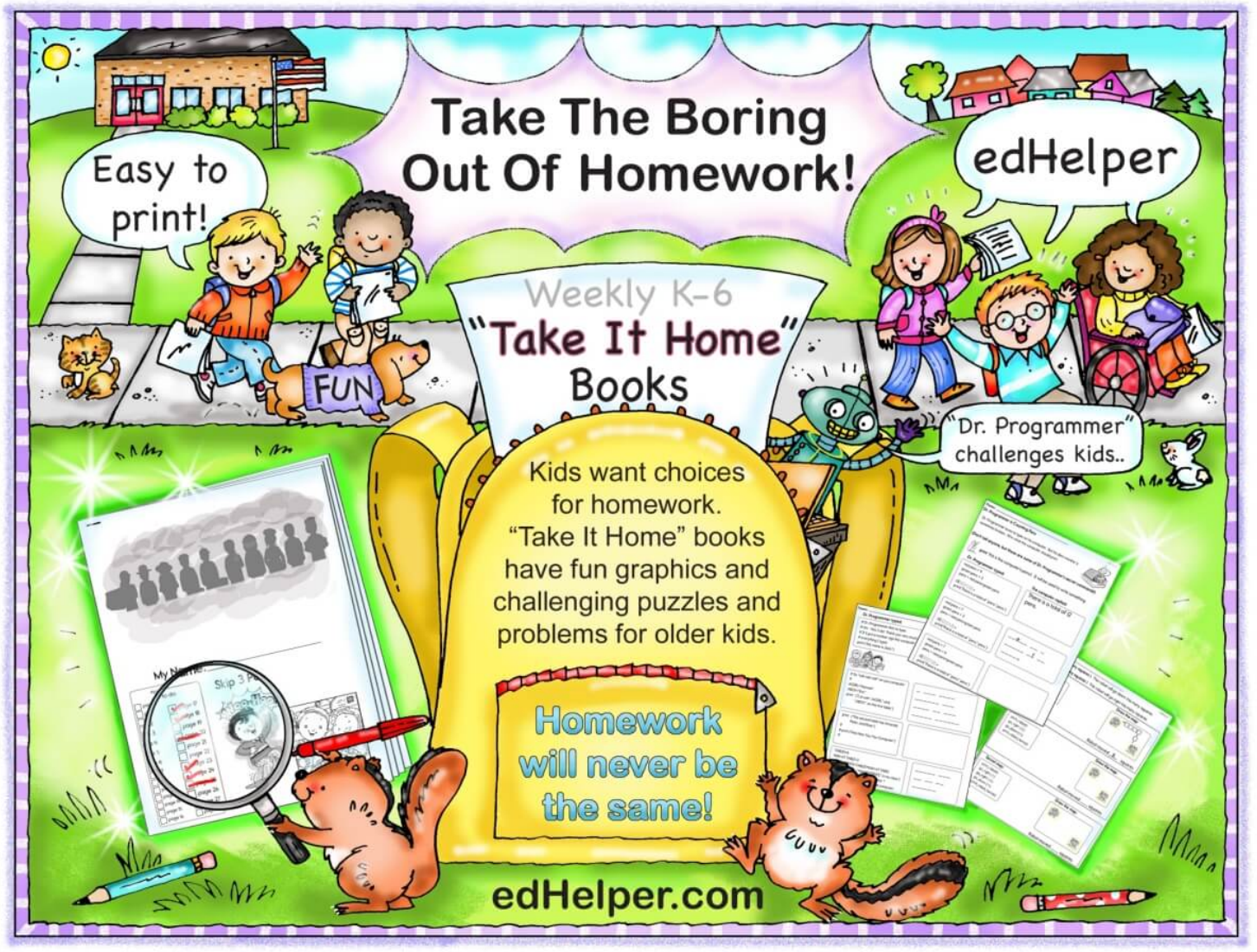
New ideas!
More puzzles!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