Name: _____

Gavin found 30 seashells. He put them in a bag and pulled out 5 pink shells out of 12 pulls. Predict the number of pink shells he will pull in 12 more pulls.

Jack was bored. He decided to help his father rake leaves. They raked 10 bags of leaves in 2 hours. At that rate, how many bags of leaves could they rake in 5 hours?

Queen Victoria lived 82 years after a reign of 60 years. Write the fraction of her life she spent as Queen of England as a fraction in simplest form.

How many meters are there in 78 kilometers?

1 x 5 + 8 - 12

What is 50% of 1,396?

Connor fell asleep and had a very strange dream. On the first day of his dream he was only 1-inch tall. Every day after that his height doubled. How tall was he at the end of the 11th day?

My mother's recipe for fruitcake calls for $\frac{1}{3}$ cup of chopped walnuts. She is making 4 fruitcakes. How many cups of walnuts will she need?

There were 16,982 weddings in Springs City last year. According to state records, notaries public performed 17% of the weddings. How many weddings were not performed by notaries public?

Round 95,378 to the nearest hundred.

How much time is it from 9:00 a.m. to 10:20 a.m.?

Pick the family fact that is missing.

70 ÷ 14 = 5

14 x 5 = 70

5 x 14 = 70

Name: _____

Find 2 equations hidden in each box. Good luck!

5 x 6

17

5 + 3

49

5 x 1

9 x 3

9 x 7

2

5

7 x 3

3 x 5

27

6 x 2

11

32

Write 2 equations: _____ _____

4 x 4

11

5

5 x 4

6 + 8

10

5 x 1

2 x 5

18

81

7

8

36

1 x 6

Write 2 equations: _____ _____

40

4

72

5 + 8

9 x 0

21

45

1 x 3

13

8 + 2

8 x 6

6 x 5

35

5 x 5

48

12

Write 2 equations: _____ _____

Name: _____

Find 2 equations hidden in each box. Good luck!

56

10

4

54

9 x 9

24

2 x 8

81

1 + 1

6 x 5

9 + 6

3 + 7

20

Write 2 equations: _____ _____

5 + 4

1 x 1

35

7 x 1

9 + 6

9

7 x 9

3

7 + 9

15

5 x 6

48

1 + 3

10

8

Write 2 equations: _____ _____

0

9 x 9

7 + 9

6

16

7 x 6

8 + 9

7

15

1 x 2

8 x 0

20

25

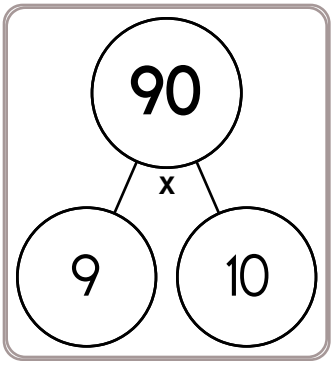
48

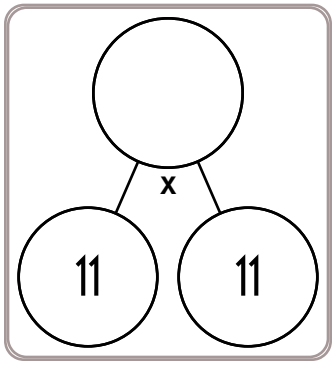
Write 2 equations: _____ _____

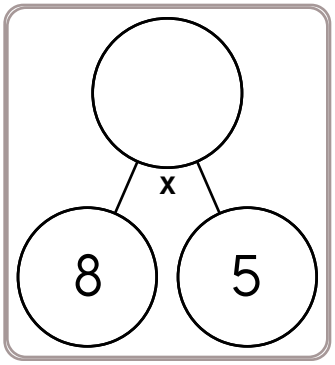
Name: _____

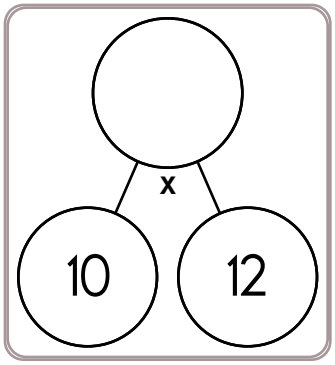
5 x ___ = 15	___ x 4 = 12	___ x 3 = 21
4 x ___ = 24	___ x 7 = 49	2 x ___ = 16
6 x ___ = 48	___ x 6 = 42	___ x 5 = 25
3 x ___ = 15	___ x 9 = 63	4 x ___ = 8

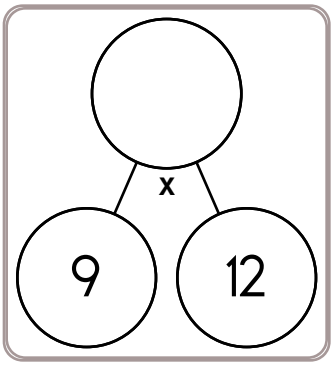
11 x 2 =	11 x 3 =	11 x 9 =
9 x 4 =	2 x 8 =	4 x 4 =
4 x 11 =	8 x 6 =	2 x 11 =
10 x 5 =	6 x 5 =	5 x 4 =

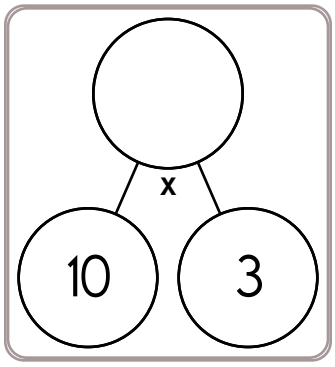


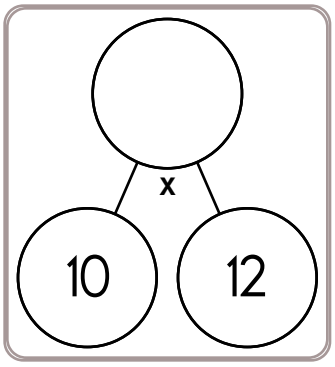


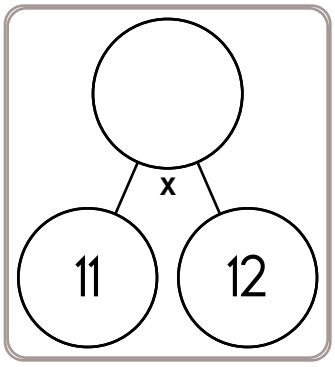




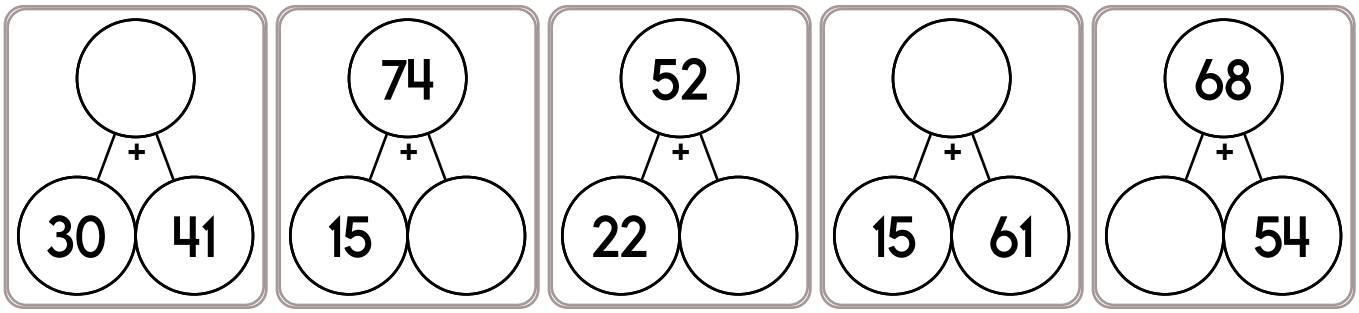


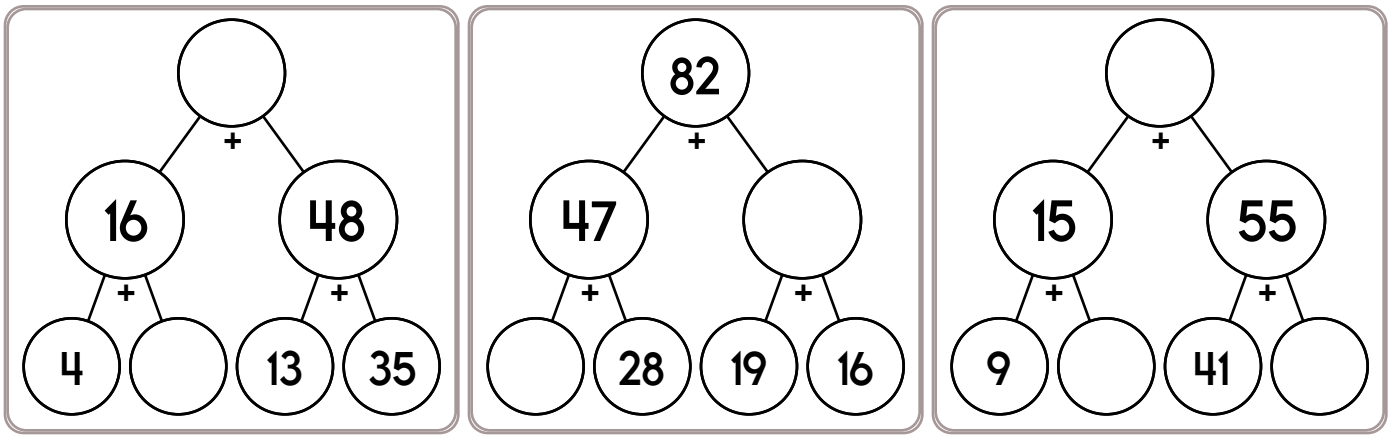


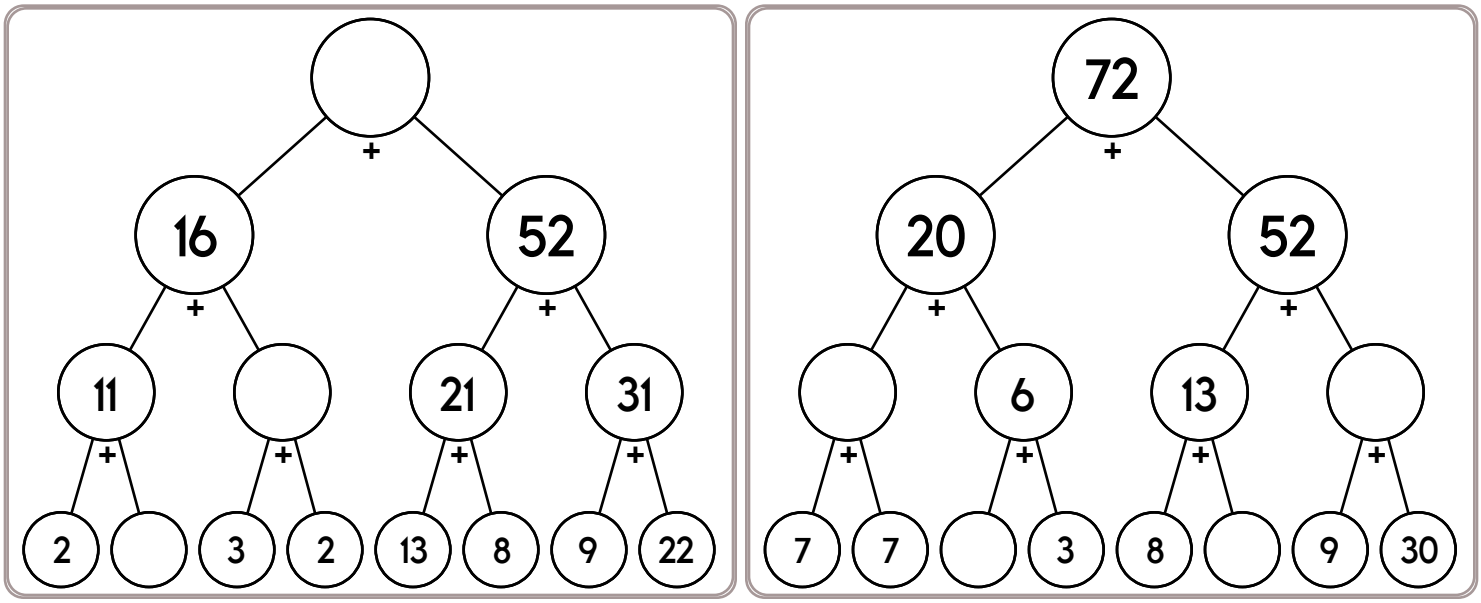




Name: _____







Change to a percent.

$\frac{2}{100}$

Write as a percent.

$\frac{2}{4}$

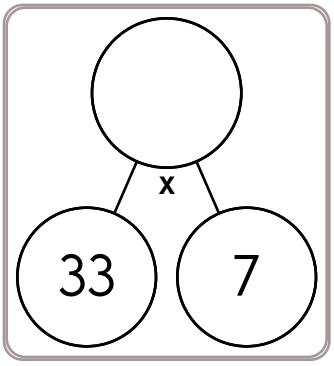
Find 14% of 2.

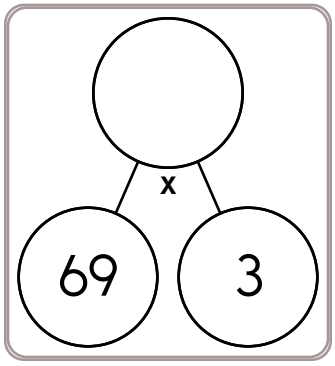
word root **ant** can mean **quality or one who** **dissonant, repugnant**

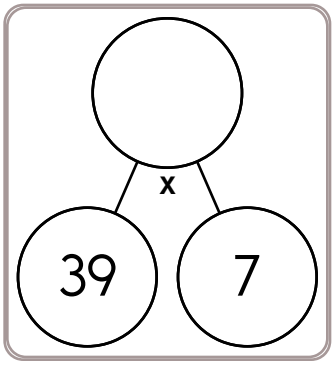
Name: _____

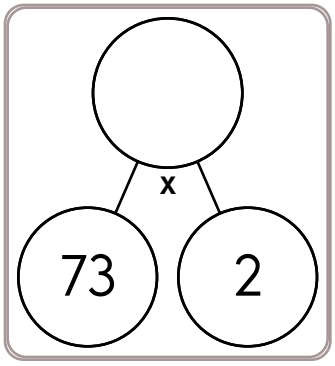
___ x 8 =424	52 x ___ =156	___ x 3 = 99
33 x ___ =264	59 x ___ = 177	___ x 8 =336
___ x 7 =133	84 x ___ =504	___ x 6 =240
___ x 8 =168	60 x ___ =240	32 x ___ =160

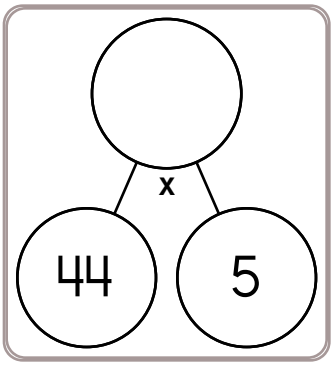
77 - 42 =	98 - 64 =	97 - 51 =
43 - 17 =	93 - 34 =	54 - 22 =
48 - 29 =	39 - 10 =	91 - 13 =
73 - 59 =	79 - 57 =	48 - 41 =

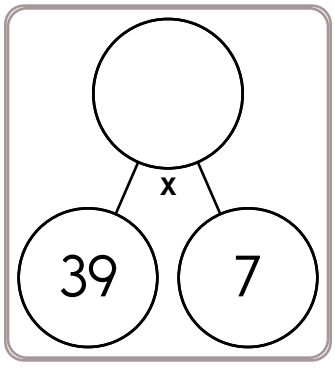


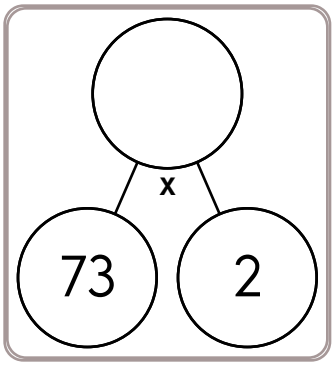


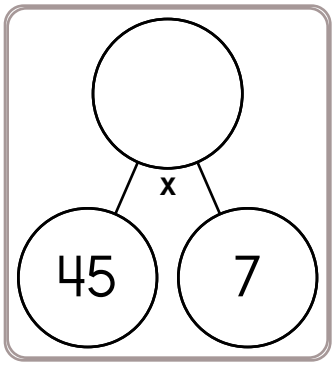




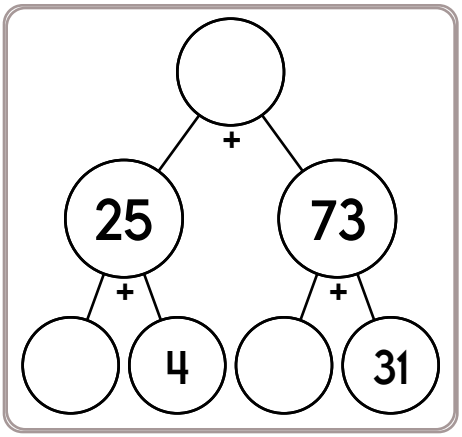


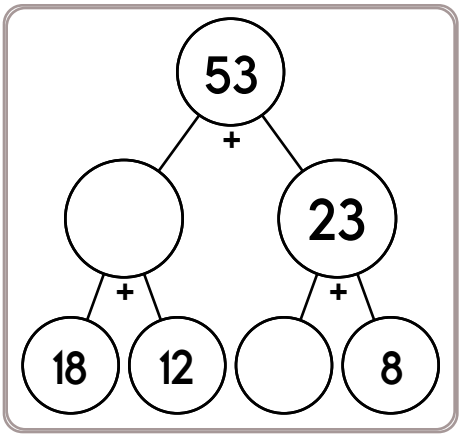


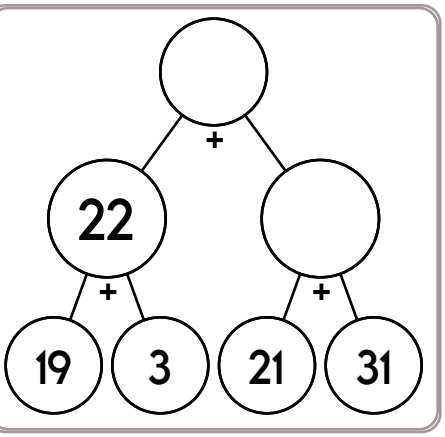




Name: _____







E, _____, I, K, M, O, Q, S,

U, W, Y

Yummy Donuts gave two dozen chocolate donuts and five dozen jelly donuts to the school. How many donuts did they give?

$11 - 48 \div 8$

$\frac{4}{5}$, 1, $1\frac{1}{5}$, $1\frac{2}{5}$, $1\frac{3}{5}$,
_____, 2, $2\frac{1}{5}$, $2\frac{2}{5}$,
$2\frac{3}{5}$, $2\frac{4}{5}$, 3, $3\frac{1}{5}$,
$3\frac{2}{5}$, $3\frac{3}{5}$, $3\frac{4}{5}$, 4

Draw a number line with 0, $\frac{1}{2}$, and 1. Show where $\frac{6}{7}$ would go. Is $\frac{6}{7}$ closer to 0, $\frac{1}{2}$, or 1?

Circle the three numbers whose product equals 200.

6 4 8

5 10 9

$9\frac{4}{5} + 4\frac{3}{5}$

What 6 coins add up to 58 cents?

How many centimeters in 9.4 meters?

word root **cor** can mean **together or with** **corrupt, corruption**

Name: _____

Simplify each fraction. Draw lines between equal fractions.

$\frac{8}{11}$	$\frac{9}{24}$
$\frac{1}{3}$	$\frac{2}{6}$
$\frac{5}{11}$	$\frac{40}{88}$
$\frac{27}{72}$	$\frac{48}{66}$

Know how many inches in a foot? Okay, smarty pants, how many inches in 3 feet?

5 x 7 - 4 + 1

84 divided by 12 equals

50, 51, 52, 55, 58, 63, 68,

75, 82, 91, 100, _____, 122,

135, 148, 163

It was 4 degrees above zero in the morning. By afternoon the temperature rose 16 degrees. How warm was it?

u, 0, 6, 6, _____, u, 0, 6,

6, K, u, 0, 6, 6, K, u, 0

The perimeter of a rectangle is 14 cm. The longer side is 5 cm. How long is the shorter side?

Write $\frac{4}{6}$ in lowest terms.

How many centimeters in 840.6 meters?

word root **cumul** can mean **mass or heap** **accumulate, cumulative, cumulus**

Name: _____

A number minus 12 is sixty-six. What is the number?

304 exceeds six times a number by 82. What is the number?

If a number is increased by 19, the result is 83. What is the number?

Nineteen more than a number is seventy-six. What is the number?

Name: _____

The students at Marion Heights Elementary School went on a field trip to the United Nations building as a part of their World Hello Day celebration. They left the school at 8:32 a.m. and returned at 2:34 p.m. How long was the trip from the time they left until the time they returned to school?

Jason made a small quilt for his new baby brother. His mother gave him 70 blue fabric squares and 70 yellow fabric squares. Jason's quilt was 7 squares wide and 13 squares long. How many fabric squares did he have left when he finished the quilt?

For Hoodie Hoo Day Justin made lollipops for everyone in his class. He made them just like he had learned in his 4-H Club. He made some of them red, some blue, and some green. There were 40 lollipops in all. !fs!^1^5!fe! of them were red. The rest were blue and green. How many lollipops were not red?

1 kg = 1,000 g

13 kg = _____ g

$$\begin{array}{r} 47 \\ +\ 28 \\ \hline \end{array}$$

Wendy multiplied two one-digit numbers and then added 109. The result was 181. Megan does not believe her and thinks Wendy made a mistake. Who is correct?

4 x 9 =

List four of the smallest whole numbers that are greater than 13, are multiples of 4, and are not multiples of 7.

$$\begin{array}{r} 253 \\ -\ 183 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ -\ 13 \\ \hline \end{array}$$

word root **pro** can mean **outward or forward** **program, provide**

Name: _____

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 8 12 — V A S T _ _	7
1 2 6 — S L A _ _ _	
1 2 4 6 12 18 — C O _ _ _ _ _ _	
1 2 6 — B A _ _ _	

Make a Word	Sum
1 2 4 6 8 14 20 — _ _ O _ _ _ _ _	
1 2 4 — C H E _ _ _	
1 2 4 6 8 12 16 — E _ _ _ _ _ _ _	
1 2 6 12 — T H O _ _ _ _	

24 ÷ 6 =

Holly multiplied two one-digit numbers and then added 146. The result was 317. Anne does not believe her and thinks Holly made a mistake. Who is correct?

Write a letter that has two or more lines of symmetry.

_____

7 x 5 =

23 lb = _____ oz

Circle the greatest number:

60,174,978

571,539,842

4,928,306

631,520,829,416

$$\begin{array}{r} 231 \\ +\ 211 \\ \hline \end{array}$$

Name: _____

Gavin invented a robotic bug. The bug can crawl three centimeters in nineteen seconds. How long would it take the bug to crawl seventeen centimeters?

Write an equation to represent this:

The sum of twelve and six is eighteen.

_____

Cross out all of the prepositional phrases in the sentence.

I will be your best friend until the end of time (or until one of us moves away!).

How many feet are in 60 inches?

_____ feet

Which is the largest?

81.1 ÷ 2.2 81.1 ÷ 2.4 81.1 ÷ 2.3

What time is 17 hours after 1:00 a.m.?

_____

For 3,663,234,070,327, write the digit that is in the hundred thousands place.

_____

Which has the smallest answer?

344 x 380 354 x 380 357 x 380

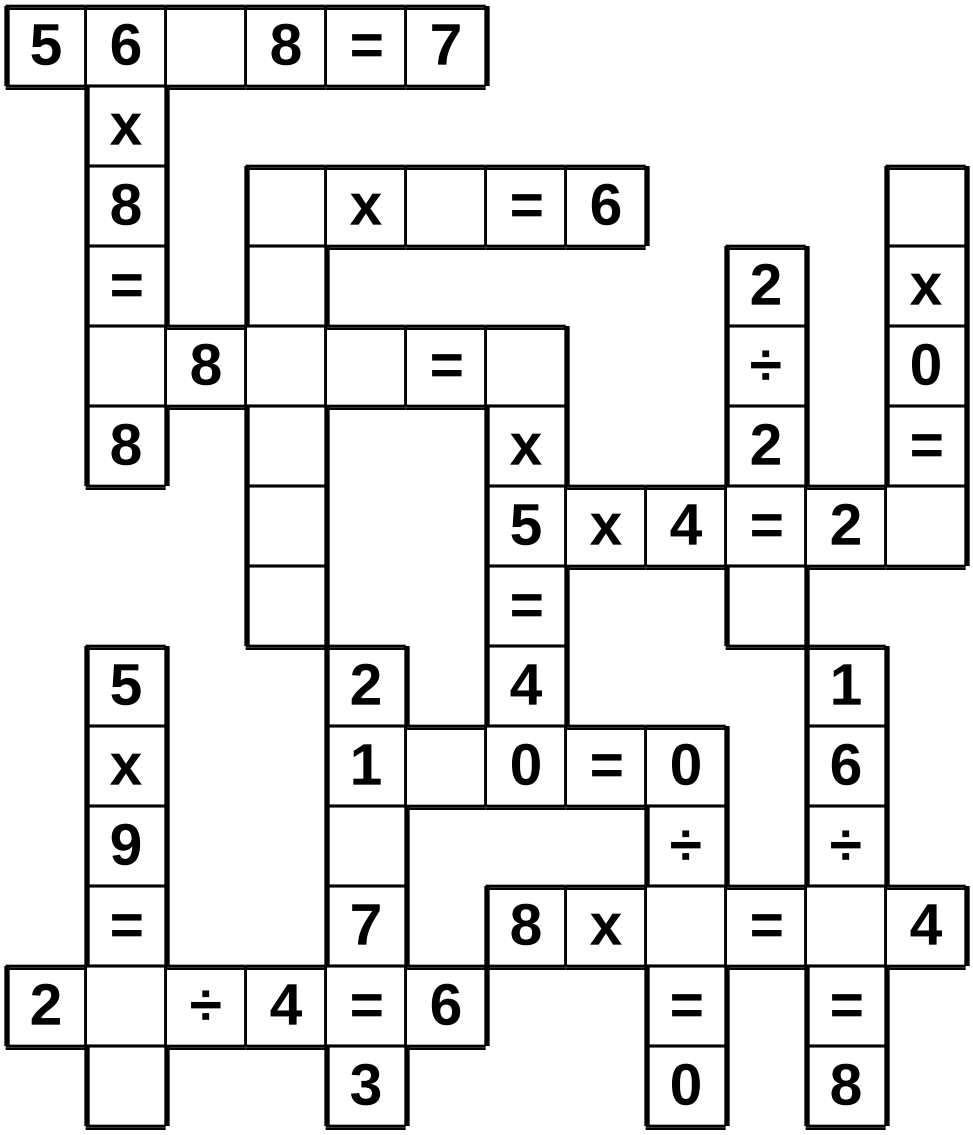
84 ÷ 12 =

Jessica wants Ava to guess a three digit number. She tells Ava that her number has three different digits. The digits are 7, 1, and 2. Ava thinks. She then guesses the number 127. What are the chances that Ava has guessed correctly?

Name: _____

÷ • 1 • 6 • 5 • 4 • 4 • ÷ • 6 • 8 • 2 • = • 0 • 7 • 1 • x • ÷
3 • 2 • 4 • 5

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



Circle the addition property for 43 + 41 = 41 + 43.

associative property

commutative property

Write an antonym for this word.

distinct

_____

3 x 11 =

Name: _____

Canada, United States, Switzerland, and Germany competed in a two-run bobsled competition.
The times on the first run were one minute and 24.73 seconds, one minute and 23.57 seconds, one minute and 24.15 seconds, and one minute and 24.32 seconds.
The times on the second run were one minute and 21.43 seconds, one minute and 22.05 seconds, one minute and 22.53 seconds, and one minute and 21.82 seconds.

Figure out the time needed for each run and the combined run time for each team.

1. On the second run, the team from United States was one second and one hundred fifty-two hundredths of a second faster than their first run.
2. The team that finished the first run in one minute and 24.73 seconds was not the team that finished the second run in either one minute and 21.82 seconds or one minute and 22.05 seconds.
3. The team from United States needed more than one minute and 21.75 seconds to finish the second race.
4. The bobsled team from Canada clocked a combined time of two minutes and 45.75 seconds.
5. On the first run, the team from Switzerland was one second and one hundred sixteen hundredths of a second behind the winners of the first run.
6. The team from Germany finished the first race in less than one minute and 24.29 seconds.

Canada finished the first run in _____ and the second in _____.

United States finished the first run in _____ and the second in _____.

Switzerland finished the first run in _____ and the second in _____.

Germany finished the first run in _____ and the second in _____.

Name: _____

Jason knows that his teacher loves birds. He is building a birdhouse for her for Teacher Appreciation Week. He started working on the birdhouse at 2:40 p.m. Saturday afternoon. He worked until it was all finished at 4:20 p.m. that evening. How long did Jason work on the birdhouse?	Wendy had 62¢ to spend on erasers. She bought several erasers at the same price and had 18¢ left over. How many erasers did Wendy buy if each eraser cost 11¢?	Satin ribbon is sold for $1.21 per pound at the party store. Mrs. Robinson needs 195 ounces of ribbon for the Shortest Month balloons. What will the total cost of the ribbon be? Round off your answer to the nearest whole cent.

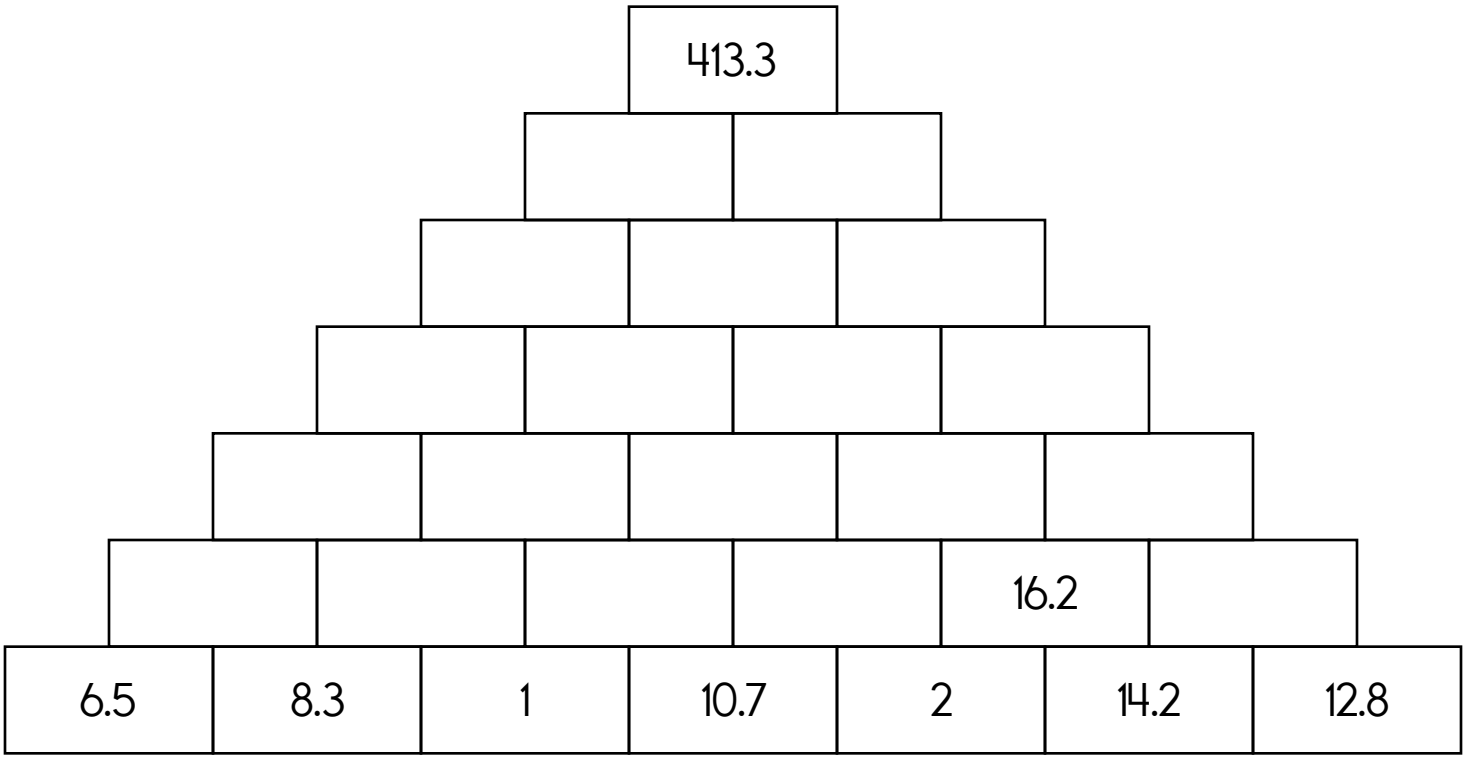
Miss Brown was making ice cream sodas. She needed 1 $\frac{1}{2}$ cups of soda for each one. With the amount of soda she had, she could make 10 $\frac{1}{2}$ ice cream sodas. How many cups of soda did she have?	There were 242 people at the horse show. Each person paid 5 dollars for a ticket. Write an equation to show how much was paid for all 242 tickets. Solve.	The Limerick Day assembly will begin at 2:30 p.m. Hannah has only $\frac{1}{4}$ hours left to finish her work before the assembly begins. What time is it now?

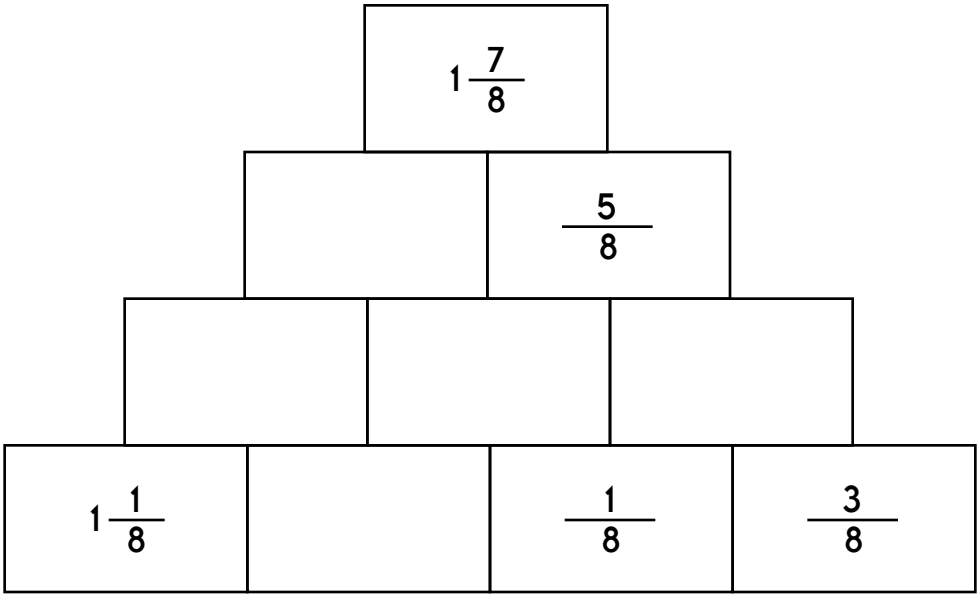
Circle the smallest number:

8,304	125,697
867,129,403,542	90,187,365,250

Name: _____

The block above is the sum of the two blocks below. Fill in the missing blocks.





Write the missing family fact.

37 - 18 = 19
19 + 18 = 37
18 + 19 = 37

_____

Based on the given dictionary pronunciation, write what you think this word is on the line.

klohth

_____

Name: _____

Name: _____

Can you guess the word?

No duplicate letters can be used.

D	E	P	A	R	T

The letter D is in the word and is in the correct spot.

F	O	R	B	I	D

The letter O is in the word, but O is not in that spot.

A B C D E F G H I J K L

A list of letters will be given that have not been used. Good luck!

Hint: There are no duplicate letters in the answer.

I	M	P	A	C	T
S	Y	M	B	O	L
L	U	M	B	E	R

D F G H J K N Q V W X Z

Let's check if you guessed correctly. Look across or down to find the correct answer.

E E R L C H C I M P A C T N M M U H B
M E U B M R D H B P M H U S M U M U W
U B N A U A C Y M M U M U Z E Z X M U
C P M E D H C H M N N B U I D C T B F
B U E A C H U M U P H R H M L P Z L E
P M H A U E C L U M B E R A H E E E M

Hint: There are no duplicate letters in the answer.

P	A	C	I	F	Y
A	N	S	W	E	R
U	S	A	B	L	E

D G H J K M O Q T V X Z

Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

B U S I T L B I I P P I E S O
T Y S T B E Q U B N A B A R U
I D B A A Y A Z A B O C C Y B
B X Y B B B X B A A A E I E A
M U I A S L L A L S A L S F Y
I F E A E S E E L E J B E B Y

Hint: There are no duplicate letters in the answer.

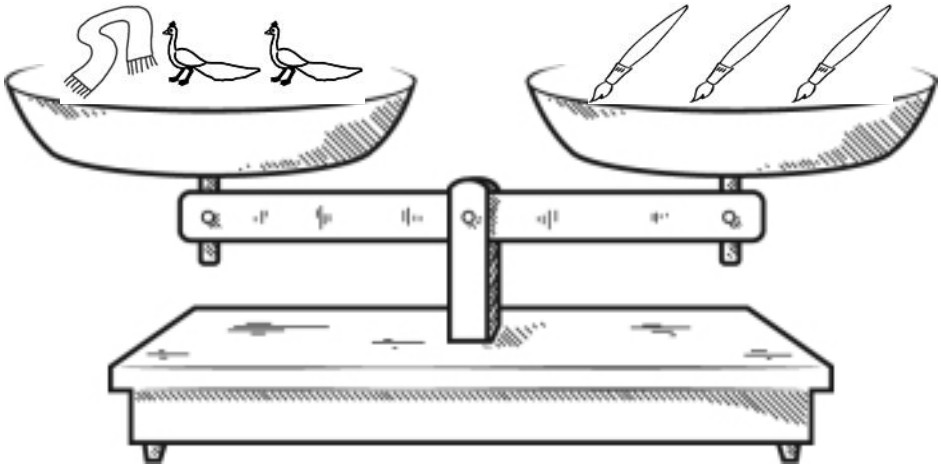
R	E	A	S	O	N
J	A	C	K	E	T

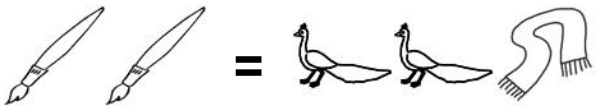
B D F G H I L M P Q U V W X Y Z

Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

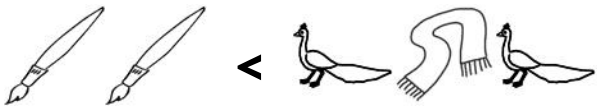
A T C T S A A U T K E J J A C Z C R T
E J A J C R C K E E E C S C R T E C K
A J A C C X A C S T L T R E E G E A M
C I T C K K I A T H A T E E C C E E A
X K L K K L C T C E A C R A A N L A A
A O L T H E E L A H L A E E O S R C C
K E T M R O T Y C R G J C R O T O J R
A T A N C R E K E K A E C U S B E N L

Name: _____





☐ True ☐ False

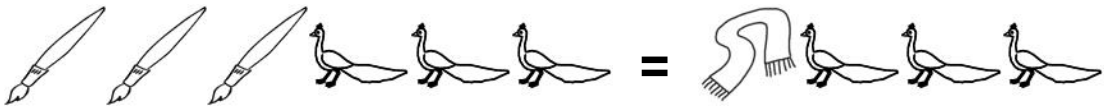


☐ True ☐ False

☐ True ☐ False

☐ True ☐ False

☐ True ☐ False



☐ True ☐ False

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

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

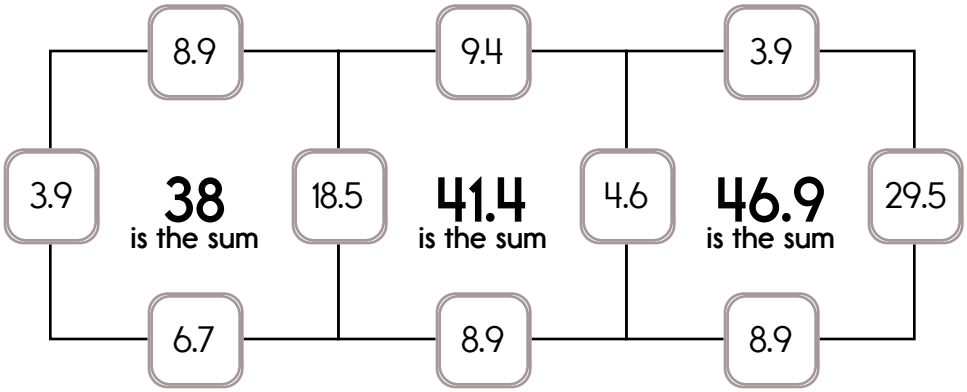
Name: _____

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

Example:
3.9 + 18.5 + 8.9 + 6.7 = 38

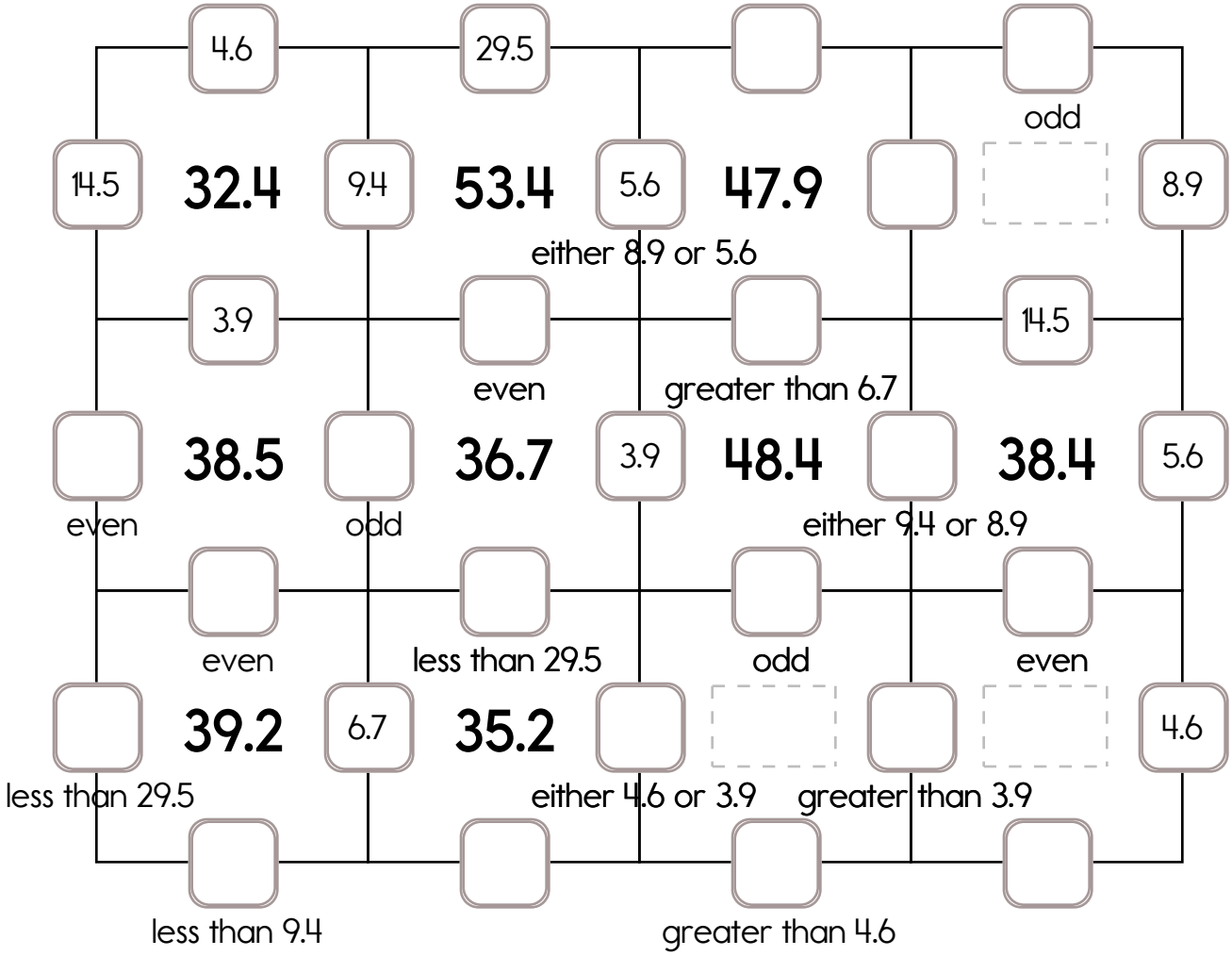
Example:
4.6 + 29.5 + 3.9 + 8.9 = 46.9

Sample:



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

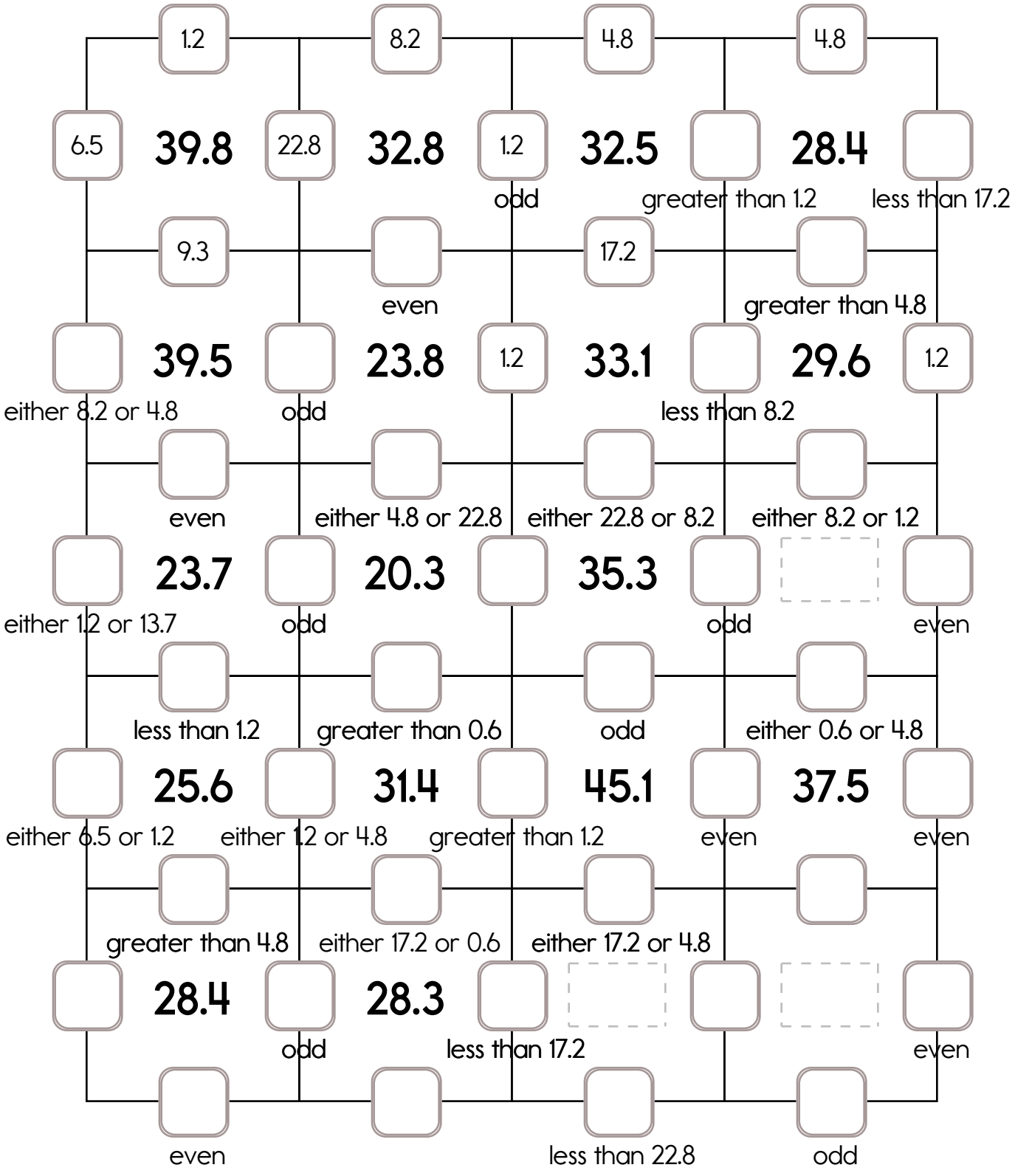
Exactly one of the four numbers has to be one of these numbers: 14.5, 29.5, or 18.5. The other three numbers have to all be DIFFERENT and must be from these: 9.4, 8.9, 4.6, 6.7, 3.9, or 5.6.



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: 13.7, 17.2, or 22.8. The other three numbers have to all be DIFFERENT and must be from these: 6.5, 0.6, 9.3, 1.2, 4.8, or 8.2.

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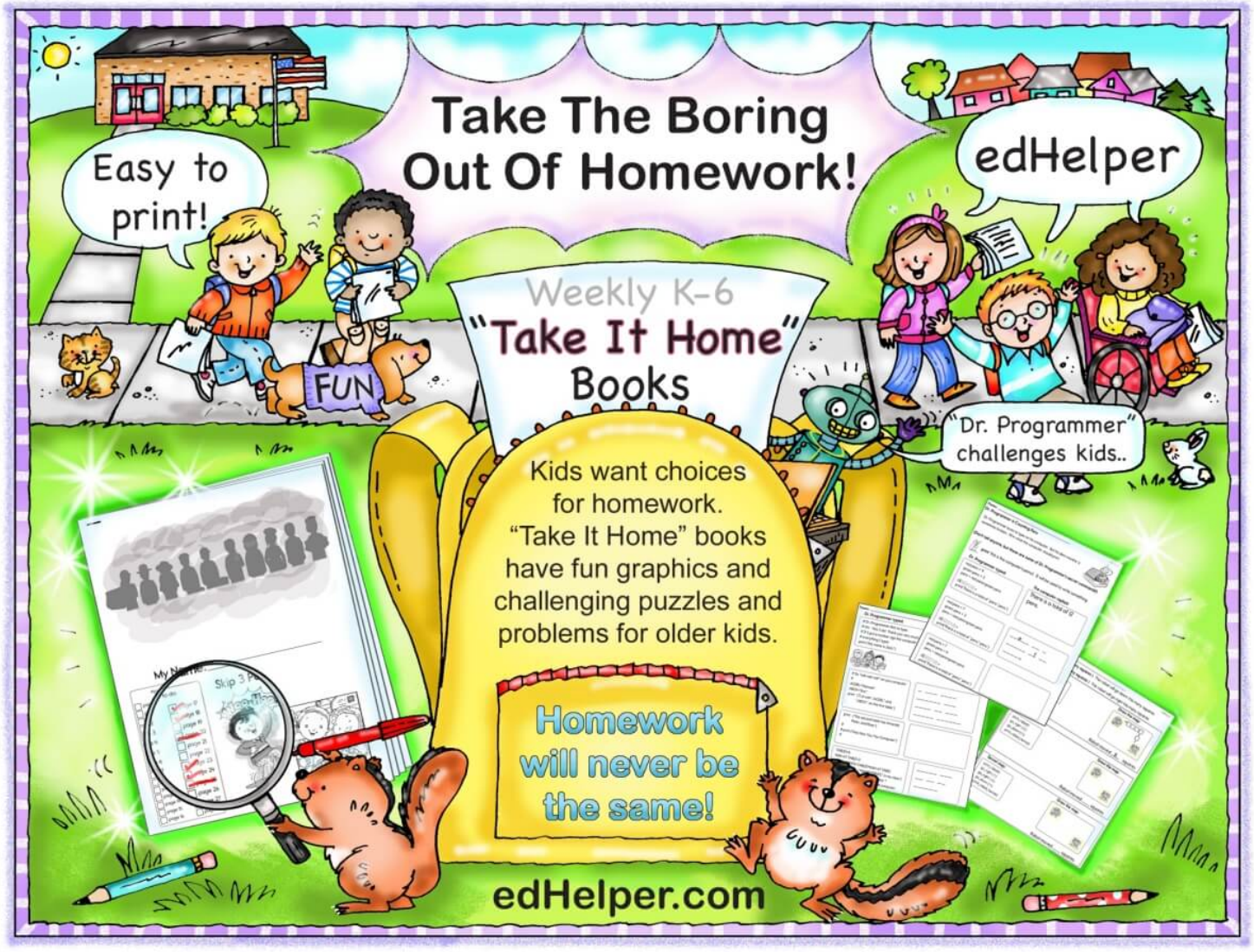
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