Name: _____

922 - 180	254,790 - 1,883	186 - 177
Find the difference between 574 and 47.	599 + 97	323 + 73
712 x 48	$8\overline{)262}$ Divide and write remainder.	$44\overline{)116}$ Divide and write remainder.
51,562 - 46,798	7,258 - 251	88,989 - 30,008

Name: _____

What is 5% of 56?

Rewrite these numbers in order from least to greatest.

-4.004 -4 -5 -5.504 -5.5

Which two of these numbers have a product of 0.529?

0.23 0.063 2.3 0.056

0.023 6.3 0.63 0.56

Name: _____

When the notary public asked Jenna her age, Jenna answered, "I am twice as old as my sister Amy. Amy is one-fifth as old as my father. My father is seventy-five years old." How old is Jenna?

The revolving stage at the Palace of Illusion moves very slowly. It takes the stage 2.8 minutes to turn 12 degrees. How long does it take the stage to make one complete revolution?

Amy 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 $\frac{9}{10}$ to a decimal.

"Hey, Ted!" called out his friends. But Ted didn't reply. He was texting. They don't call him Texty Ted for nothing! Ted sends an average of 53 texts in only 4 minutes. At precisely 3:15 Ted finally sat down outside of school to play his phone. He played his phone until 3:46 when his phone ran out of power. How many texts do you think Texty Ted sent?

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

Name: _____

54	$+\frac{1}{3}$		+14		+9			
						$+5\frac{4}{8}$		
						+28		
	$-\frac{3}{11}$	$117\frac{17}{22}$	$+6\frac{2}{3}$		$+\frac{3}{11}$			
-42								
-60								
	$+\frac{3}{8}$		+16		$+\frac{1}{3}$		-26	$6\frac{5}{24}$

Ava rolls two dice. What is the chance of her rolling a 3 on one die and a 4 on the other die?

_____

55,781 - 39,663 = _____

27 km = _____ m

11 x 11 = _____

(9 + 5) + 2 =

Name: _____

According to the polar bear census taken in the Alaskan Native Wildlife Refuge, there were 35 polar bears born last month. Of that number, 10 were female and the rest were male. What is the ratio of females to males? (Express your answer as a fraction in lowest terms.)

Anna took a picture of her father's office building. He worked in a 50-story skyscraper. When she got the picture, she saw that she had only taken a picture of the highest 22 stories. Write a fraction for the part of the building that was in the picture.

Groundhogs are pretty small animals. Jack the groundhog weighs eleven pounds seven ounces. Kevin the groundhog is younger and only weighs four pounds twelve ounces. How much more does Jack weigh?

Circle the addition property for 32 + 41 = 41 + 32.

associative property

commutative property

$$\begin{array}{r} 30 \\ +\ 26 \\ \hline \end{array}$$

144 ÷ 12 = _____

$$\begin{array}{r} 472 \\ +\ 348 \\ \hline \end{array}$$

5 x 3 =

$$\begin{array}{r} 84 \\ -\ 54 \\ \hline \end{array}$$

Amanda is a family friend. She will be picking you up from school and driving you to the closest library. Where should she go? Write instructions to explain how she could get there and where you will be going.

Name: _____

Jessica took three numbers greater than 1 and multiplied them. One number was seven and the other number was eleven. Of course, she forgot the last number, but she remembered the product was 1078. Is this possible?

7,327 - 5,353 = _____

Write 396,070 in words.

_____

$$\begin{array}{r} 953 \\ -\ 270 \\ \hline \end{array}$$

36 ÷ 3 = _____

1 kg = 1,000 g

21 kg = _____ g

16 ÷ 8 = _____

66 ÷ 6 =

9 x 6 = _____

How many millimeters are in 3 centimeters?

_____ millimeters

40 ÷ 10 = _____

Holly is giving out candy, but you need to guess her favorite number if you want some. Her favorite number has three digits.
The three digits add up to ten.
The hundreds digit is 3 more than the units digit.
One digit in her number is five.
The tens digit is 1 more than the units digit.

Are you going to get candy?

In the number 3,352,980, the digit 8 is in what place?

_____

You can buy 2 books for $10 at the store. At this rate, what would be the cost of ten books?

35 ÷ 5 = _____

35 ÷ 7 = _____

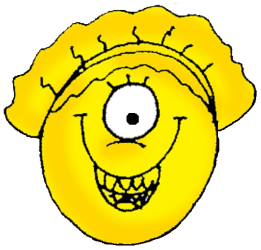
3 x 8 =

Name: _____

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.

12 ÷ 3 = _____

4 x 9 = _____



Here is a pattern of letters:

F D F J F D F J F D F . . .

What letter will be the 22th term in the pattern?

6 x 6 = _____

Write this as a number in standard form. Use a comma in your number.

one hundred eighty-six thousand, four hundred thirty-four

_____

60 ÷ 12 = _____

80 ÷ 10 = _____

36 ÷ 4 = _____

6 x 5 = _____

The letters C and I each have a line of symmetry. Name another letter between C and I that has a line of symmetry.

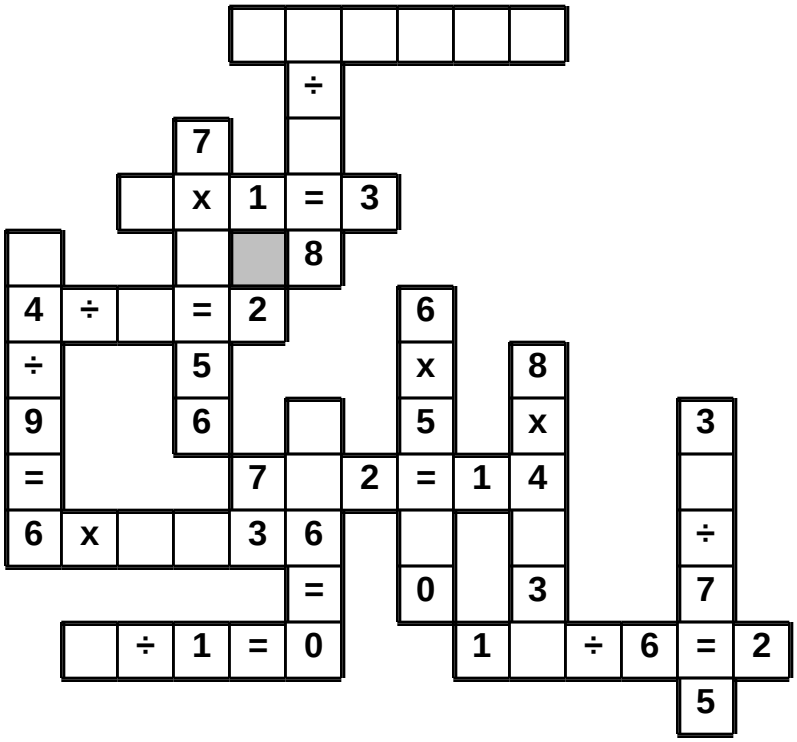
_____

81,549 + 86,842 = _____

Name: _____

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

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



6 x 12 = _____

8 x 12 =

Can 990 be evenly divided by 5? Circle:

990 is evenly divisible by 5

990 is NOT evenly divisible by 5

108 ÷ 12 = _____

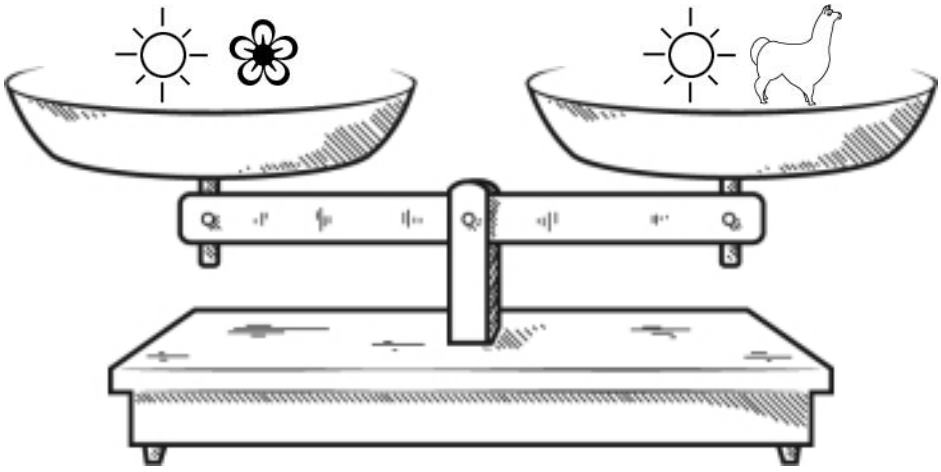
2,637 + 6,898 = _____

Write an equation to represent this:

The difference between twelve and eight is four.

_____

Name: _____



 > 

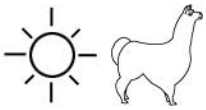
☐ True ☐ False

 = 

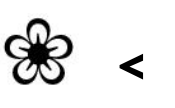
☐ True ☐ False

 < 

☐ True ☐ False

 <

☐ True ☐ False

 <

☐ True ☐ False

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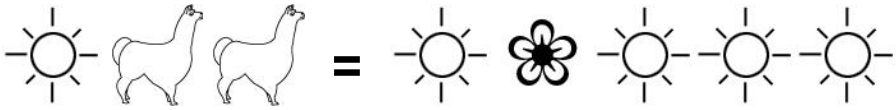
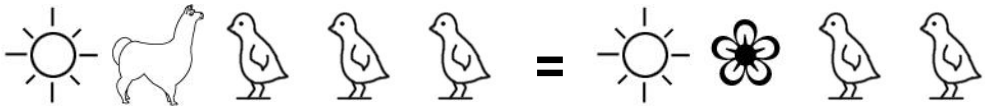
☐ True ☐ False

 =

☐ True ☐ False

 =

☐ True ☐ False

Did you find that three 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 **aristo** can mean **best born** **aristocrat, aristocracy**

Name: _____

Add one set of parenthesis to each equation so that the equation is true.

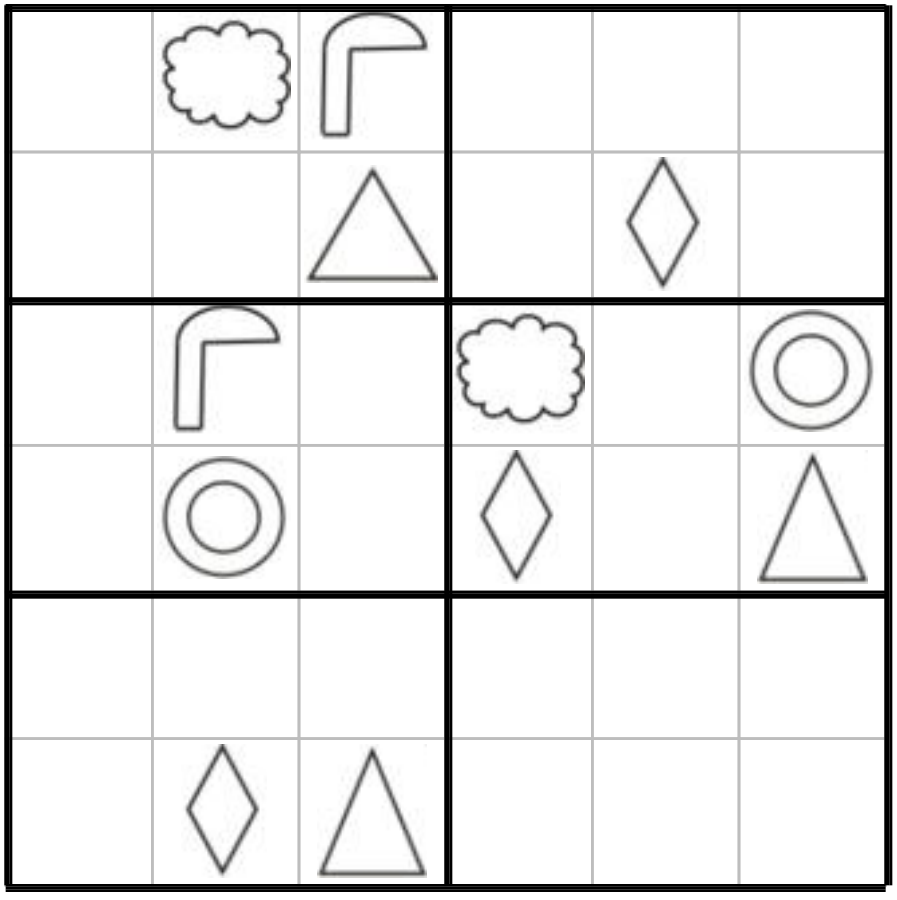
(8 x 7) - 2 = 54	4 + (6 ÷ 3) = 6
3 x 11 + 8 = 57	3 x 11 + 8 = 41
9 + 3 x 7 - 4 = 18	9 + 3 x 7 - 4 = 26
7 + 3 + 9 x 11 = 139	3 x 8 + 5 - 1 = 28
5 ÷ 5 + 9 x 4 = 37	9 + 11 x 2 + 8 = 39
3 + 3 x 12 + 7 = 79	6 + 6 ÷ 3 - 4 = 4
6 + 10 + 5 - 10 = 11	3 + 9 - 3 + 3 = 6
2 + 9 - 10 ÷ 5 = 9	11 ÷ 1 x 9 + 2 = 121
12 - 8 + 2 + 9 = 15	4 + 10 x 10 - 10 = 130

Name: _____

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

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

Each row, column, and box must have 6 different pictures.



Name: _____

Fill in the missing numbers.

$15 - (-7) =$ _____

$24 - ($_____$) = 32$

_____ $+ (-2) = 17$

$-20 - (-5) =$ _____

_____ $- (-6) = -19$

$-16 + ($_____$) = -19$

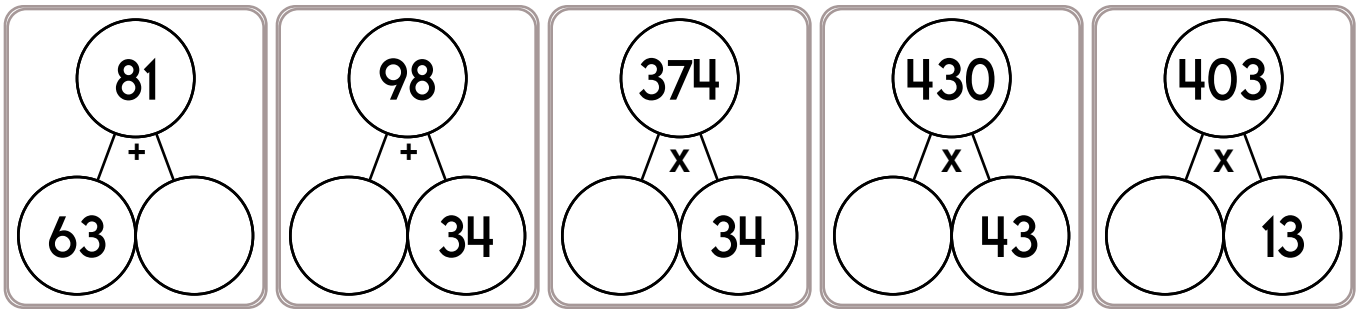
Write as a fraction in simplest form.

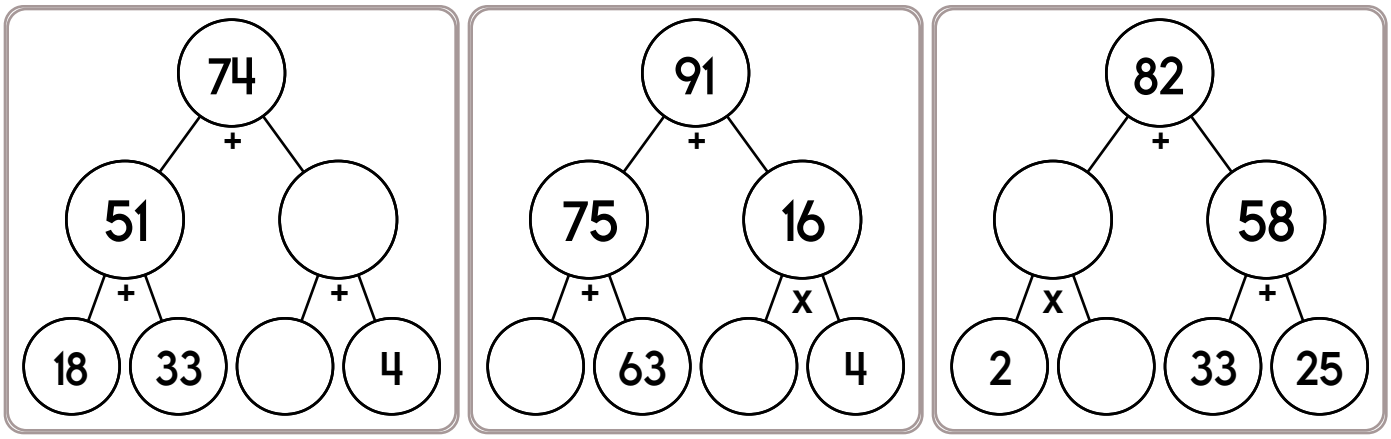
$\frac{1}{6} + \frac{2}{3} + \frac{3}{8} =$

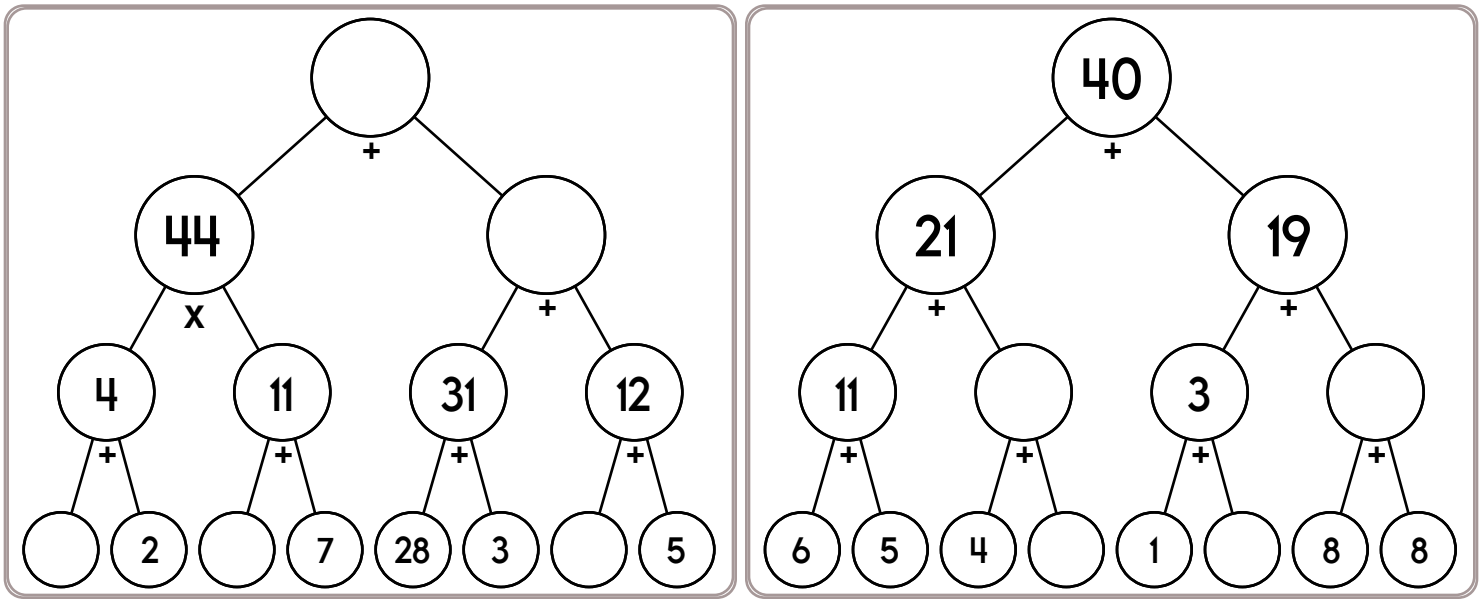
$\frac{2}{5} + \frac{1}{3} + \frac{1}{10} =$

$\frac{2}{5} + \frac{1}{10} + \frac{1}{3} =$

Name: _____







0.2 (0.9 (0.2 x 4)) =

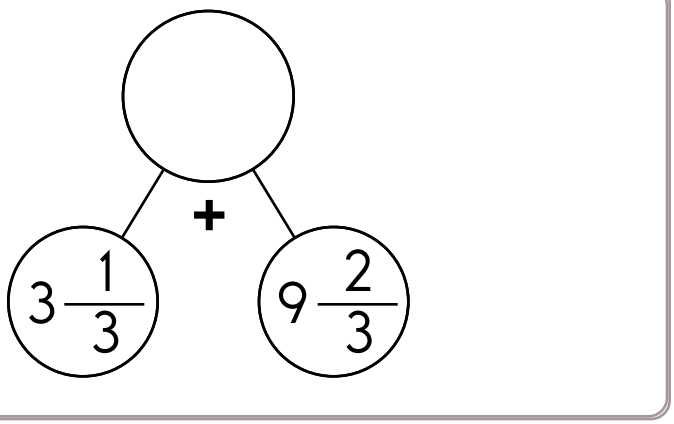
10 - 1 + 10 x 1 + 12

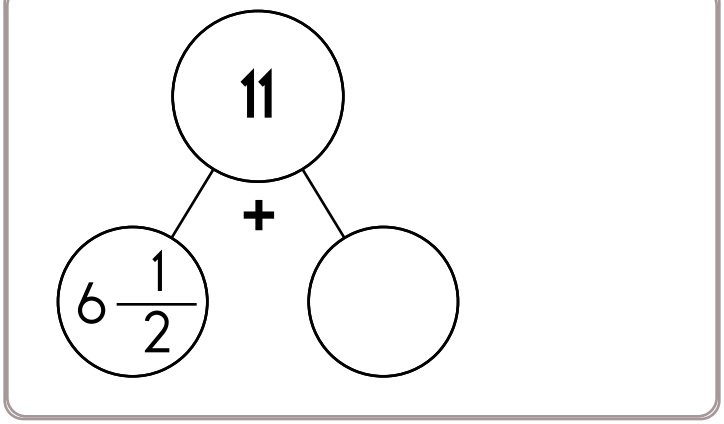
4 x 4 x 4 x 4 = x^4

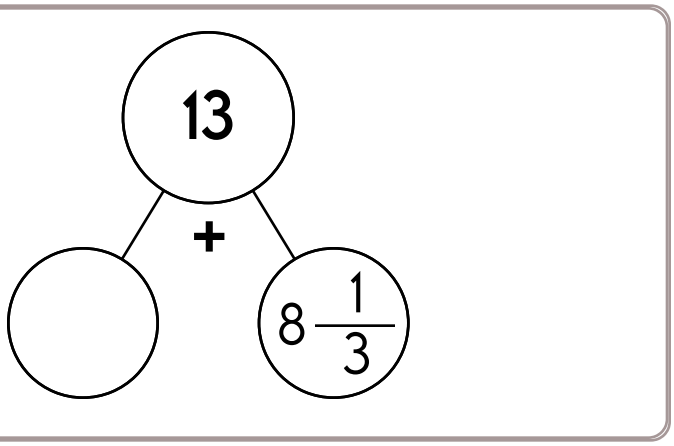
What is the value of x?

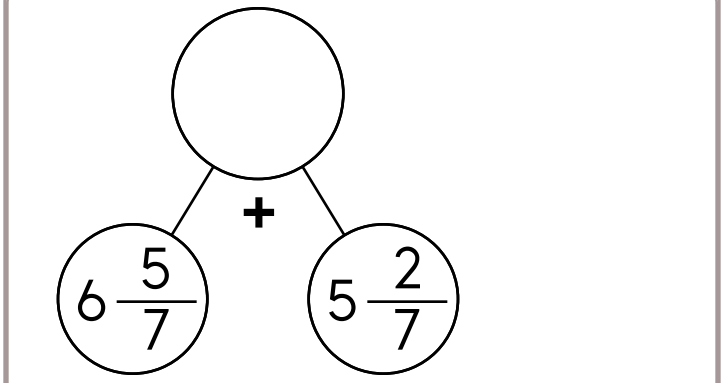
word root **termin** can mean **limit or end** **extermination, terminal, terminate**

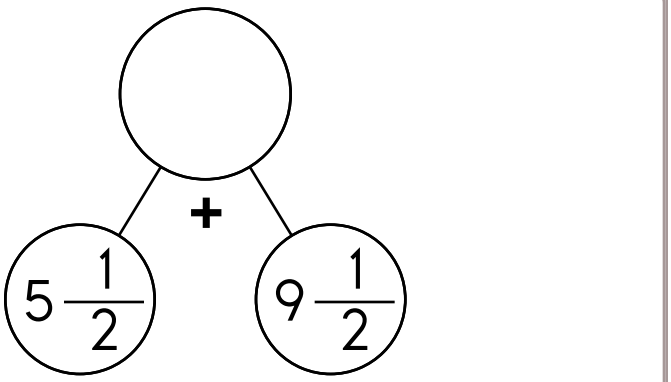
Name: _____

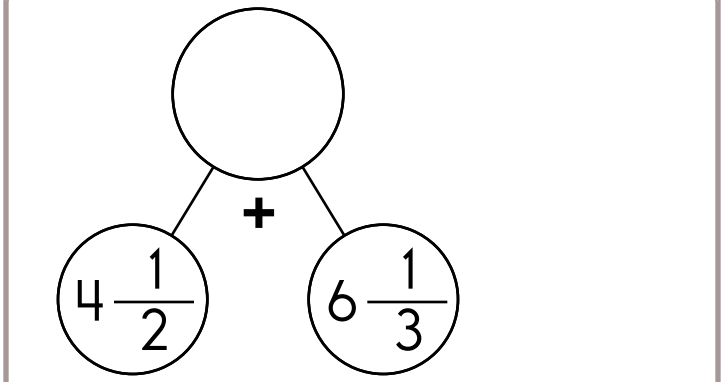


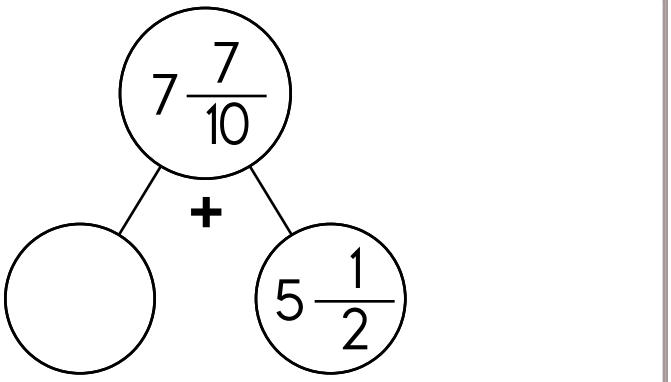


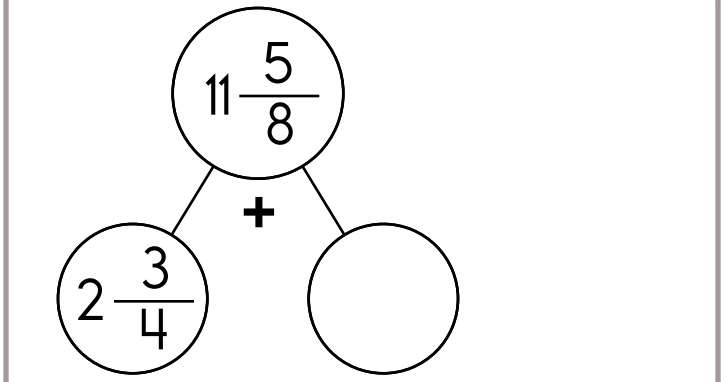












Name: _____

Wendy is playing a game against Holly. They have to find blocks and bring them back to their digital house. After ten minutes of play, the one with the most blocks wins. Who is currently winning?

Holly has between 31 and 39 blocks. When she puts her blocks into piles of 9, there will be 5 blocks left over. When she puts her blocks into piles of 5, there will be 2 blocks left over.

Wendy has between 31 and 39 blocks. When she puts her blocks into piles of 9, there will be 1 block left over. When she puts her blocks into piles of 5, there will be 2 blocks left over.

Which amount of time is shorter?

530 minutes or 8 hours?

520 minutes or 7 hours?

8 minutes or 357 seconds?

1 hour = _____ minutes

1 minute = _____ seconds

Alex got 2 personal pizzas. He cut his pizza into 6 equal slices and then ate 4 slices. He gave the other pizza to Rosa. She cut her pizza into 8 equal slices and then ate 5 slices.
Draw a picture of each pizza.

Who ate the most pizza?

Who is the oldest?

Connor will be 23 years old in 2028.

Ava turned 12 years old in 2020.

Mary turned 5 years old in 2014.

Name: _____

If a rubber band can be stretched to a circular shape that has a radius of 2.2 inches. How many 1.2-mm diameter toothpicks of could fit within it? (1 inch = 25.4 mm)

Gavin found the sum of the first five even numbers and got a result of 20. What mistake must he have made?

The Coca-Cola Company donated 35 cases of Coke products for the Mars Middle School annual picnic. There are 2 dozen bottles per case. Each bottle contains 16 ounces of beverage. How many pints of Coke did the Coca-Cola Company donate?

Simplify.

$\frac{30}{36}$ =

$8 \times 8 = 8^x$

What is the value of x?

What is the value of z?

$3z + 13 - 8z = -9$

On Pick Up Some Litter Day, $\frac{2}{5}$ of the fifth grade students helped clean up the playground. Of the students who helped, $\frac{1}{3}$ worked for more than an hour. What part of the fifth grade students worked for more than an hour?

The world's largest pizza was made in South Africa. Its area was $11837\frac{3}{5}$ square feet. If the pizza were cut into $1\frac{3}{4}$ square foot pieces, how many pieces could be cut from the pizza?

Janna picked 60 flowers — just because! Two-fifths of the flowers are red. One-tenth of the flowers are yellow. The rest of the flowers are white. What is the ratio of red flowers to white flowers? (Write your answer as a fraction in lowest terms.)

word root **di** can mean **away or not** **digress, digression**

Name: _____

$3\overline{)15.711}$ $8\overline{)9.304}$ $4\overline{)22.7588}$

$9\overline{)1570.86}$ $5\overline{)237.85}$ $6\overline{)143.184}$

$$\begin{array}{r} 0.4 \\ -\ 0.1 \\ \hline \end{array}$$

Find the difference between 11.3 and 2.2.

$$\begin{array}{r} 18.549 \\ -\ 11.7 \\ \hline \end{array}$$

H, _____, J, I, L, L, N, O, P, R

Simplify.

$\frac{210}{294}$ =

3 + (78 ÷ 6) - 60 ÷ 10 =

Name: _____

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

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

Write the words found.

OPTIMISTIC _____ SLEIGHT _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

_____ _____

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

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

Write the words found.

RADIANT _____ CONTRACT _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

_____ _____

Name: _____

Select the word or phrase whose meaning is closest to the given word.

ROBUST

overweight
round
broken
vigorous
robotic

CRYPTIC

creepy
mysterious
aged
deadly
inactive

SATIRE

poem
car part
planet
parody
parade

JETTISON

throw overboard
fly
promote
leak
hover

UNKEMPT

unruly
dour
impolite
disheveled
loose

EGRESS

entry
style
flight
timeless
exit

MONOTONY

tedium
enervating
energizing
marriage
commitment

THRIVE

sonorous
quash
flourish
stifle
writhe

INGENUITY

cleverness
attractiveness
inexperience
friendliness
usefulness

Now find the given words AND the answers in the word search. If you can't find an answer, you might be wrong.

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

Name: _____

Sudoku Sums of 11

Each row, column, and box must have the numbers 1 through 9.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 11.

Here is an example of a sudoku sum of 11:

4	7

2								
				1			4	
5			2			6	7	
	2	6			8			
		4	7		6	8		
	8		9	3				
	9				1	7	8	3
				7	9			
7			8			4		1

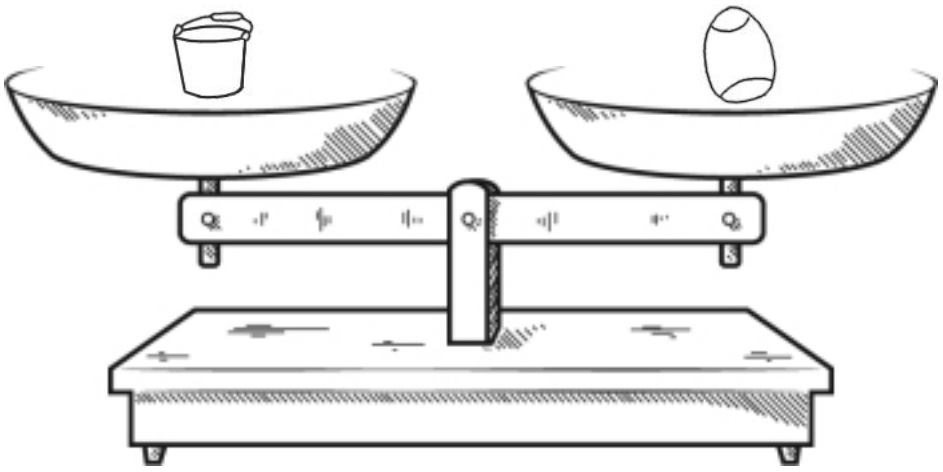
In what quadrant would you find the point (-8, 4)?

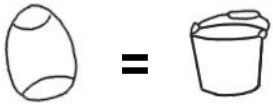
9 + 36 ÷ 3 - 90 ÷ 10 =

|-5| - f = 2

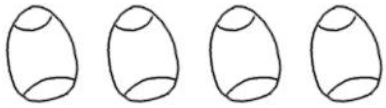
f =

Name: _____





☐ 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!

Write the reciprocal.

$\frac{5}{4}$

Write the reciprocal.

15

Write the reciprocal.

$\frac{5}{7}$

736 - 177 = _____

Circle the greatest number:

96,380,512,704 83,416

5,097,274 865,231,934

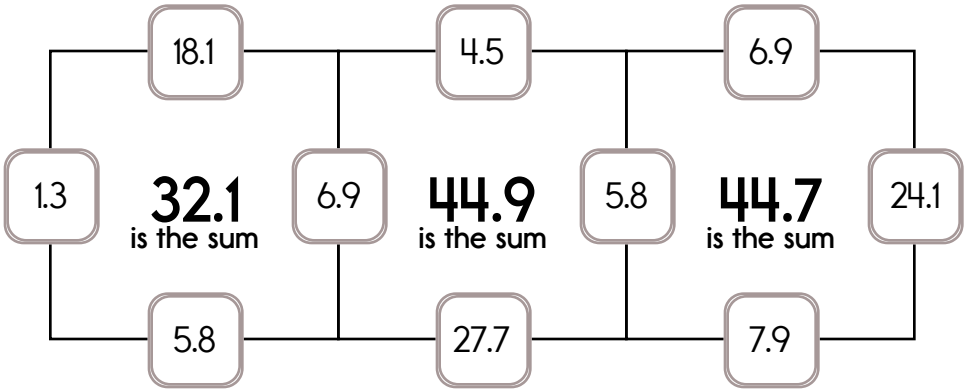
Name: _____

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

Example:
1.3 + 6.9 + 18.1 + 5.8 = 32.1

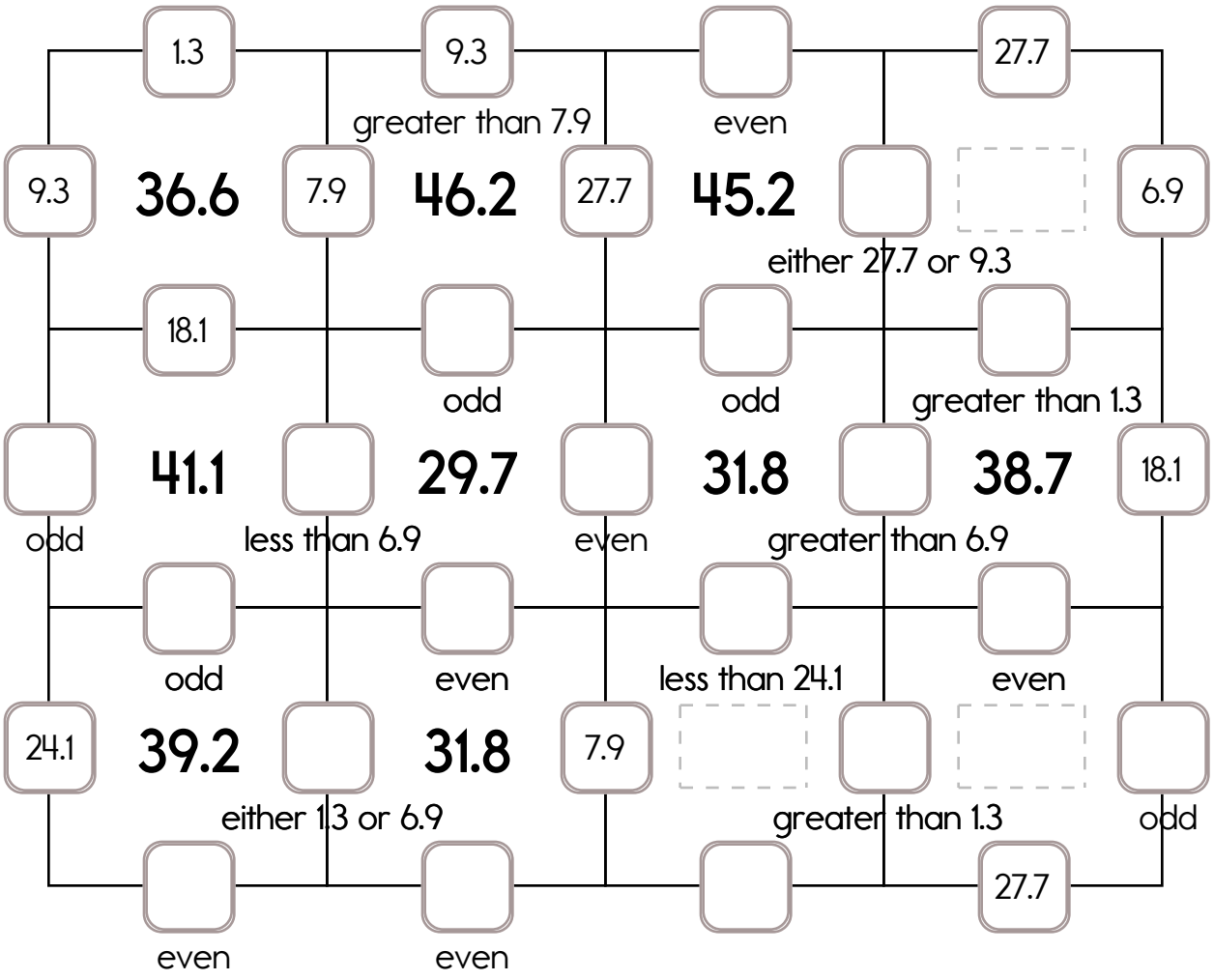
Example:
5.8 + 24.1 + 6.9 + 7.9 = 44.7

Sample:



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

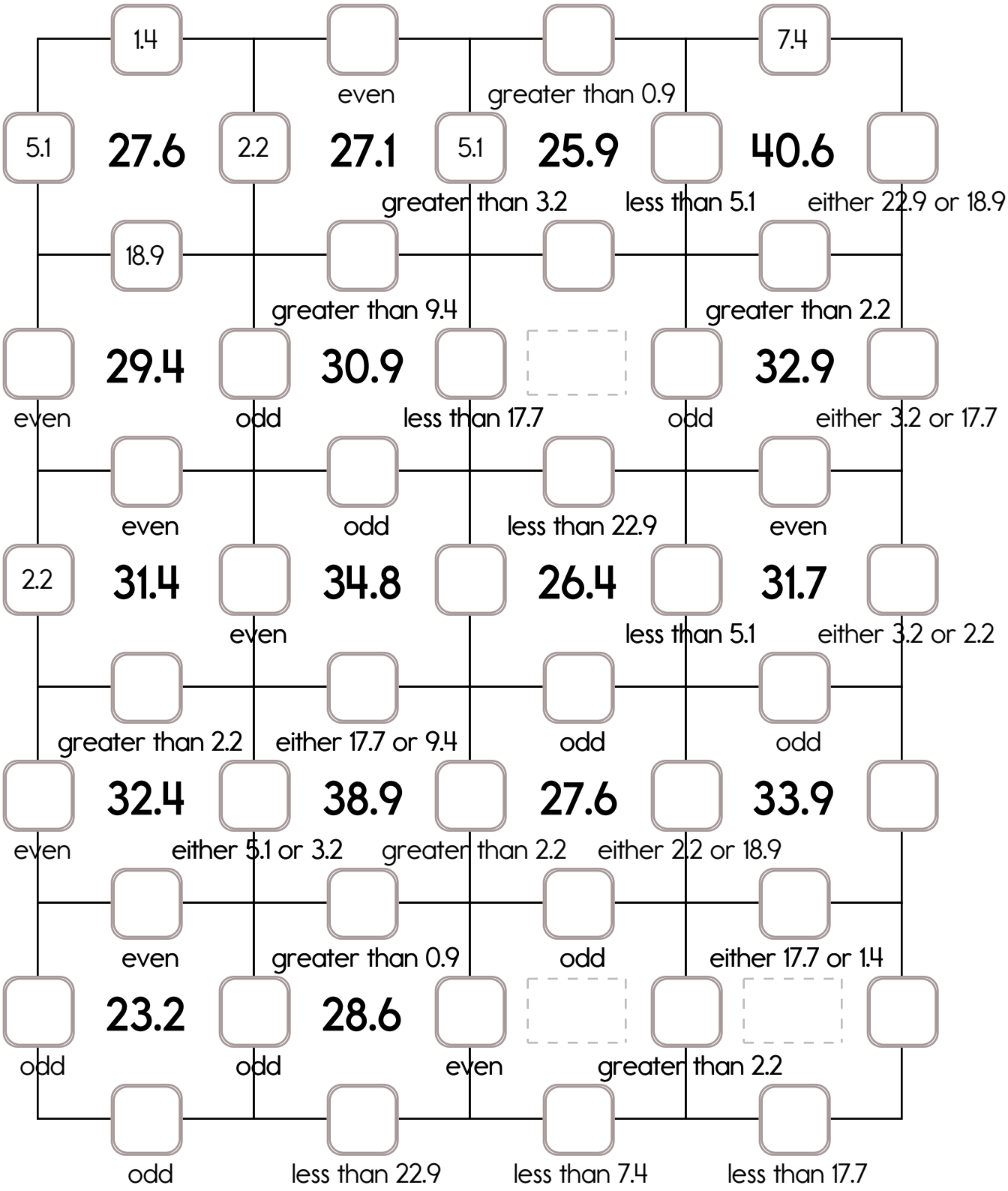
Exactly one of the four numbers has to be one of these numbers: 24.1, 27.7, or 18.1. The other three numbers have to all be DIFFERENT and must be from these: 5.8, 9.3, 4.5, 6.9, 1.3, 3.7, or 7.9.



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: 18.9, 22.9, or 17.7. The other three numbers have to all be DIFFERENT and must be from these: 3.2, 0.9, 2.2, 1.4, 9.4, 5.1, or 7.4.

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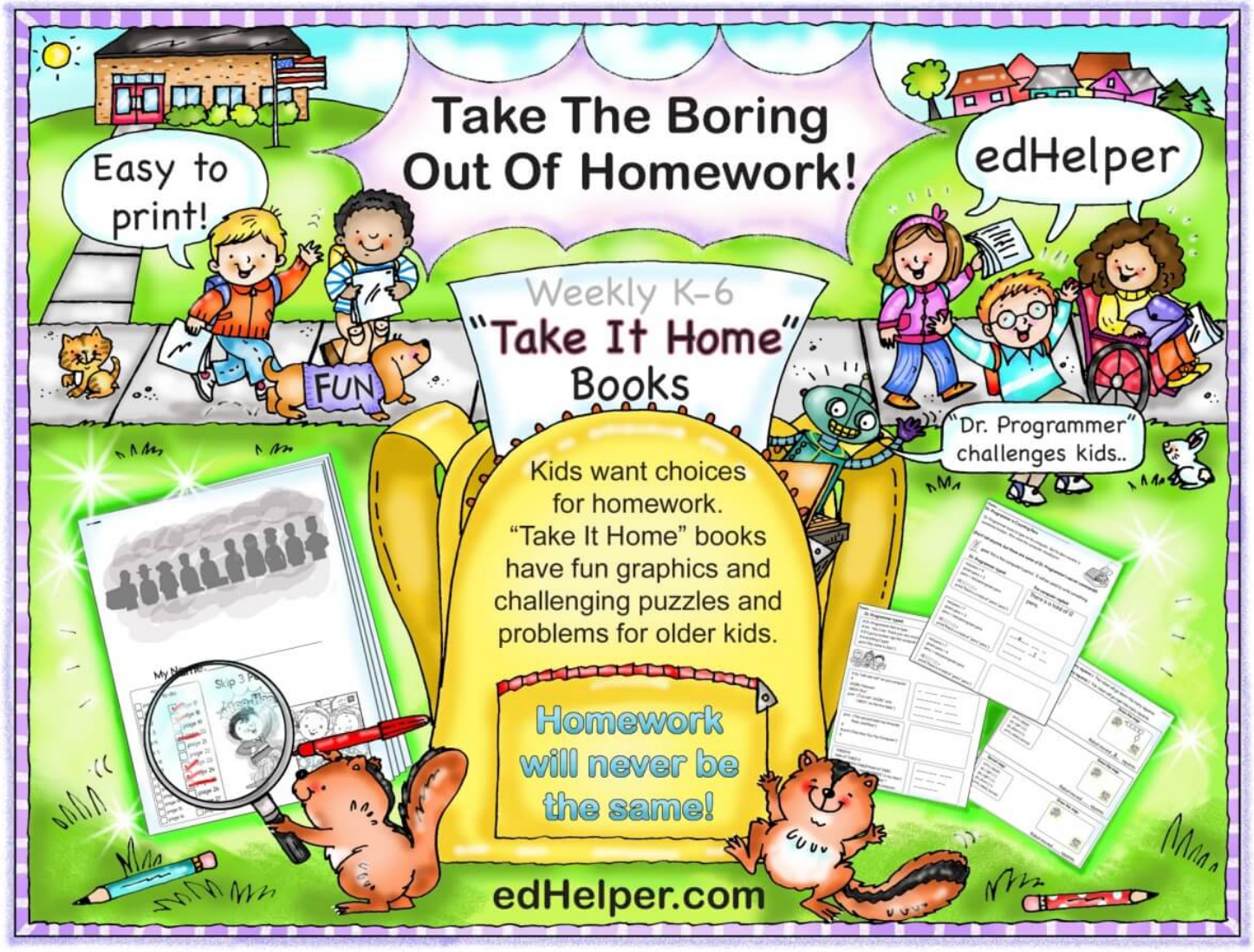
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