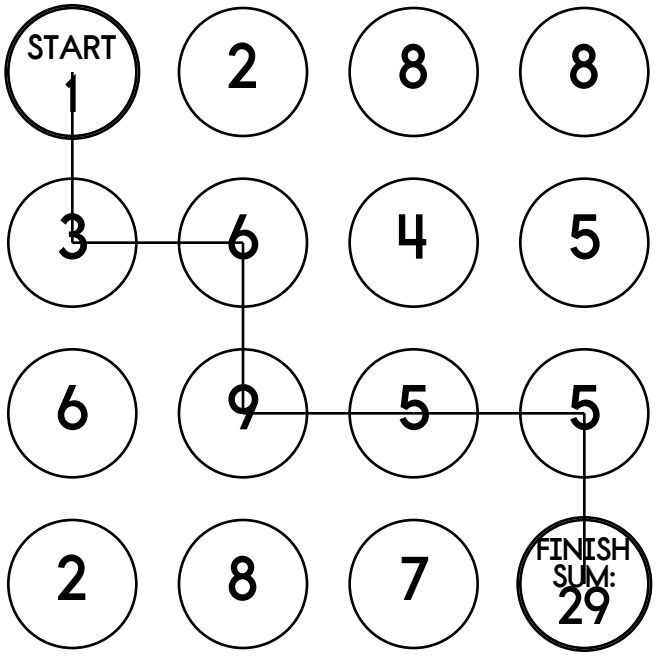
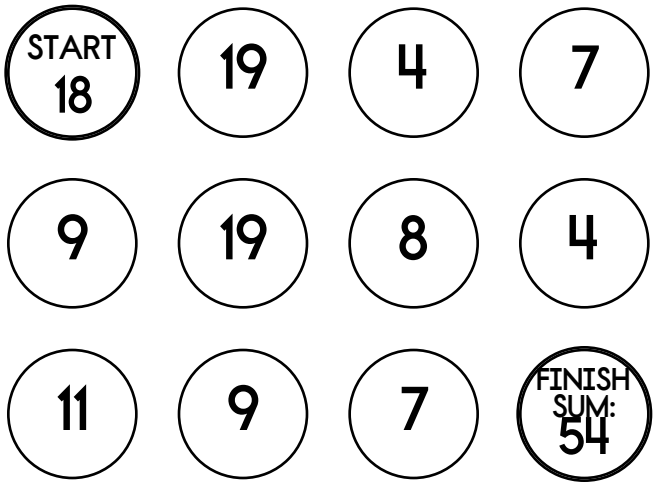
Name: _____

Make a path by adding up the numbers. Do not visit a circle more than once. The first one is done.



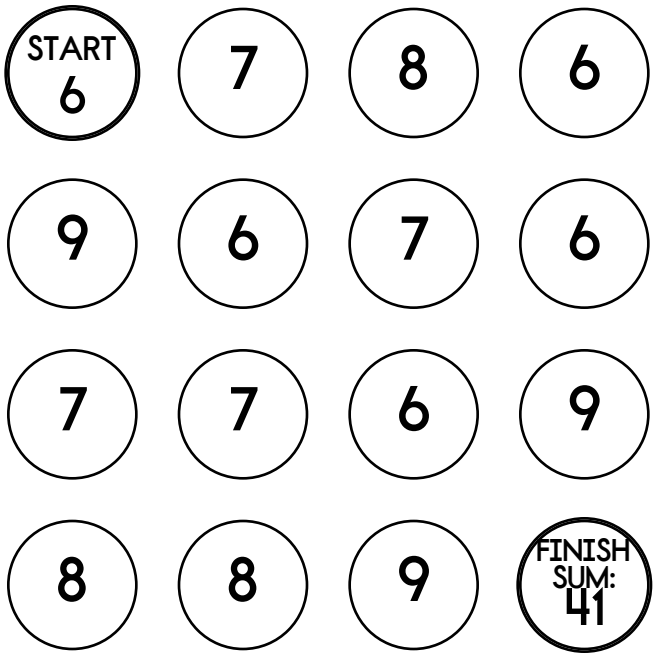
1 + 3 + 6 + 9 + 5 + 5 =

29

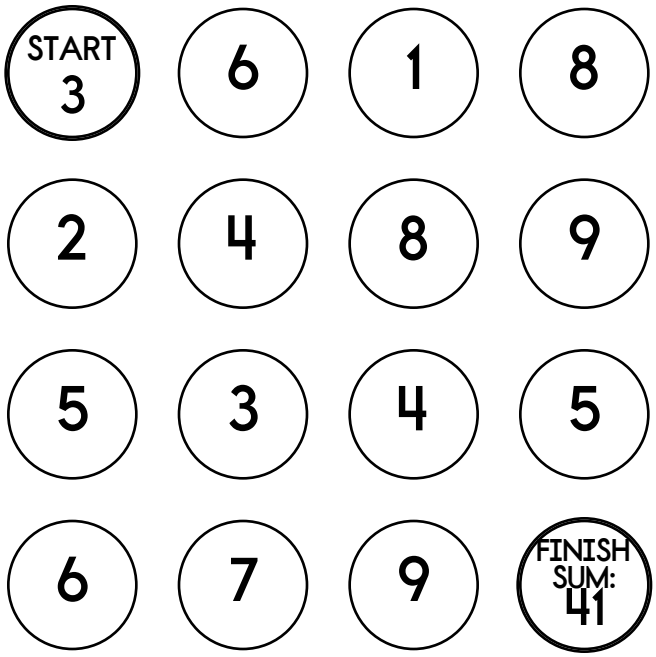


18 + 9 + _____ + _____ + _____ =

54



Did you find a path? Write the equation.



3 + ___ + ___ + ___ + ___ + ___ +

___ + ___ = 41

Name: _____

Draw 3 pictures in the correct order. Use each of the clues so you will know what to draw.

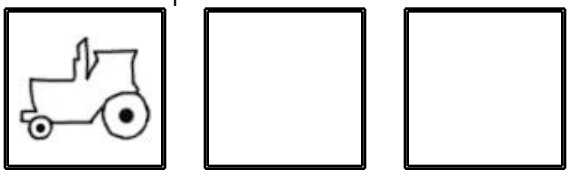
Draw 1 of these 3 pictures.
The picture IS in the correct spot.

Draw 1 of these 3 pictures.
The picture is NOT in the correct spot.

Draw 1 of these 3 pictures.
The picture is NOT in the correct spot.

Draw 2 of these 3 pictures.
1 of those pictures is in the correct spot.

Draw the 3 pictures in the correct order:



Draw 4 pictures in the correct order. Use each of the clues so you will know what to draw.

Draw 1 of these 4 pictures.
The picture is NOT in the correct spot.

Draw 1 of these 4 pictures.
The picture IS in the correct spot.

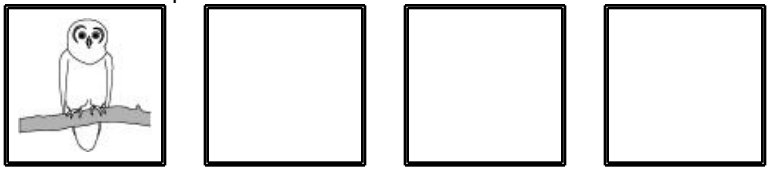
Draw 1 of these 4 pictures.
The picture IS in the correct spot.

Draw 2 of these 4 pictures.
1 of those pictures is in the correct spot.

Draw 2 of these 4 pictures.
1 of those pictures is in the correct spot.

Draw 1 of these 4 pictures.
The picture is NOT in the correct spot.

Draw the 4 pictures in the correct order:



Name: _____

Mrs. Jackson has an upright freezer in her basement. She has 115 pounds of food in it. 9% of the food is fruit. 39% of the foods are casseroles she has made. 31% of the food is meat. The rest of the food is ice cream! How many pounds of the food is meat? Round your answer to the nearest whole number if needed.

Anne is writing a report on Christopher Columbus' first voyage, and she is having problems. The report is supposed to be 6 pages long, and it has already taken her 1.5 hours to write the first page! She started working on the report at 3:26 p.m. At the rate she is working, what time will she finish the report?

In each group, circle the number that has the greatest value, and put a square around the number that has the least value.

5^6	5^4	5^3	5^5
9^2	9^5	9^1	9^6

Which two of these numbers have a product of 0.484?

0.078	0.58	2.2	0.022
7.8	0.058	0.22	5.8

Name: _____

Figure out the greatest common factor of the following numbers:

25 45

60

Rewrite these numbers in order from least to greatest.

-3 -4 -4.27

-4.23 -4.1

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 6 12 M I T T E N	13
1 2 4 T O	
1 2 4 8 14 20 H O	

Make a Word	Sum
1 2 4 6 10 16 22 E	
1 2 4 6 P I	
1 2 4 8 14 20 S H	

Can 630 be evenly divided by 4? Circle:
630 is evenly divisible by 4
630 is NOT evenly divisible by 4

$$\begin{array}{r} 768 \\ -\ 634 \\ \hline \end{array}$$

70 ÷ 10 = _____

$$\begin{array}{r} 47 \\ -\ 33 \\ \hline \end{array}$$

Wendy rolls two dice. She adds the numbers on the two dice. What is the chance of this sum being ten?

9,517 - 5,125 = _____

1 kg = 1,000 g

25 kg = _____ g

$$\begin{array}{r} 36 \\ +\ 46 \\ \hline \end{array}$$

Circle the digit in the hundredths place.

6,688.89

$$\begin{array}{r} 205 \\ +\ 268 \\ \hline \end{array}$$

Name: _____

How many feet are in 5 yards?

_____ feet

5 x 11 =

10 x 8 = _____

You can buy 3 cards for $6 at the store. At this rate, what would be the cost of fifteen cards?

32 ÷ 8 = _____

Circle the addition property for 37 + 45 = 45 + 37.

associative property

commutative property

17 cm = _____ mm

54 ÷ 6 = _____

A bike originally priced at $120 is marked down by 50%. What is the sale price?

55 ÷ 11 =

Wendy cannot open her locker. She knows that the four numbers are: 30, 2, 23, and 38, but she cannot remember the order of the numbers. How many different combinations are there? List ten of them.

25 ÷ 5 = _____

12 x 7 = _____

996 + 259 = _____

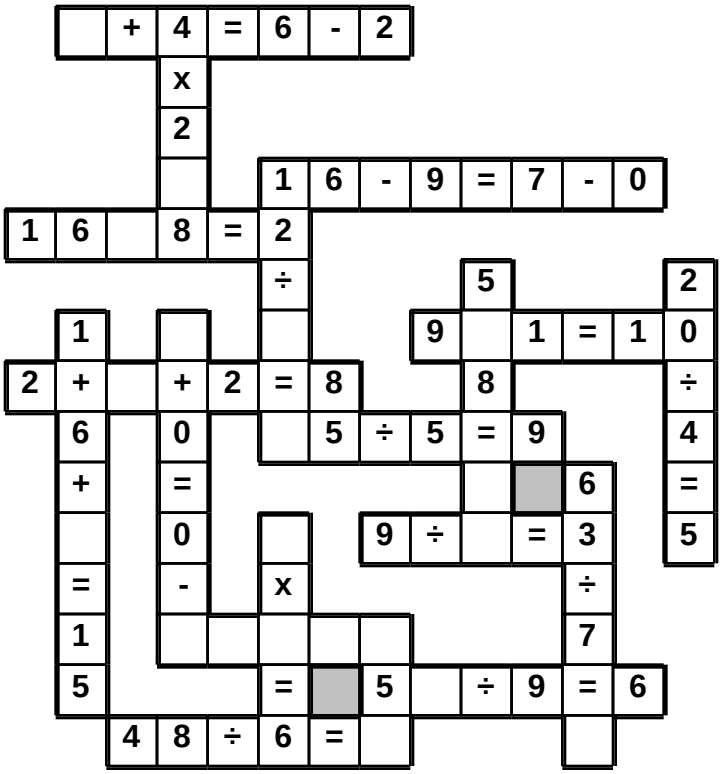
95,952 - 52,626 = _____

9 x 2 = _____

Name: _____

0 • = • ÷ • 0 • 3 • + • 4 • 4 • 1 • 8 • 3 • 3 • 0 • ÷ • 2 • =
0 • 4 • 8 • 9

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



Write 93,927 in words.

_____

7 x 2 = _____

April is giving out candy, but you need to guess her favorite number if you want some. Her favorite number has three digits.
The tens digit is 3 more than the units digit.
The three digits add up to seventeen.
The units digit is 4 more than the hundreds digit.
One digit in her number is six.

Are you going to get candy?

(5 + 4) + 8 =

For 7,464,647,536,514,198, write the digit that is in the ten thousands place.

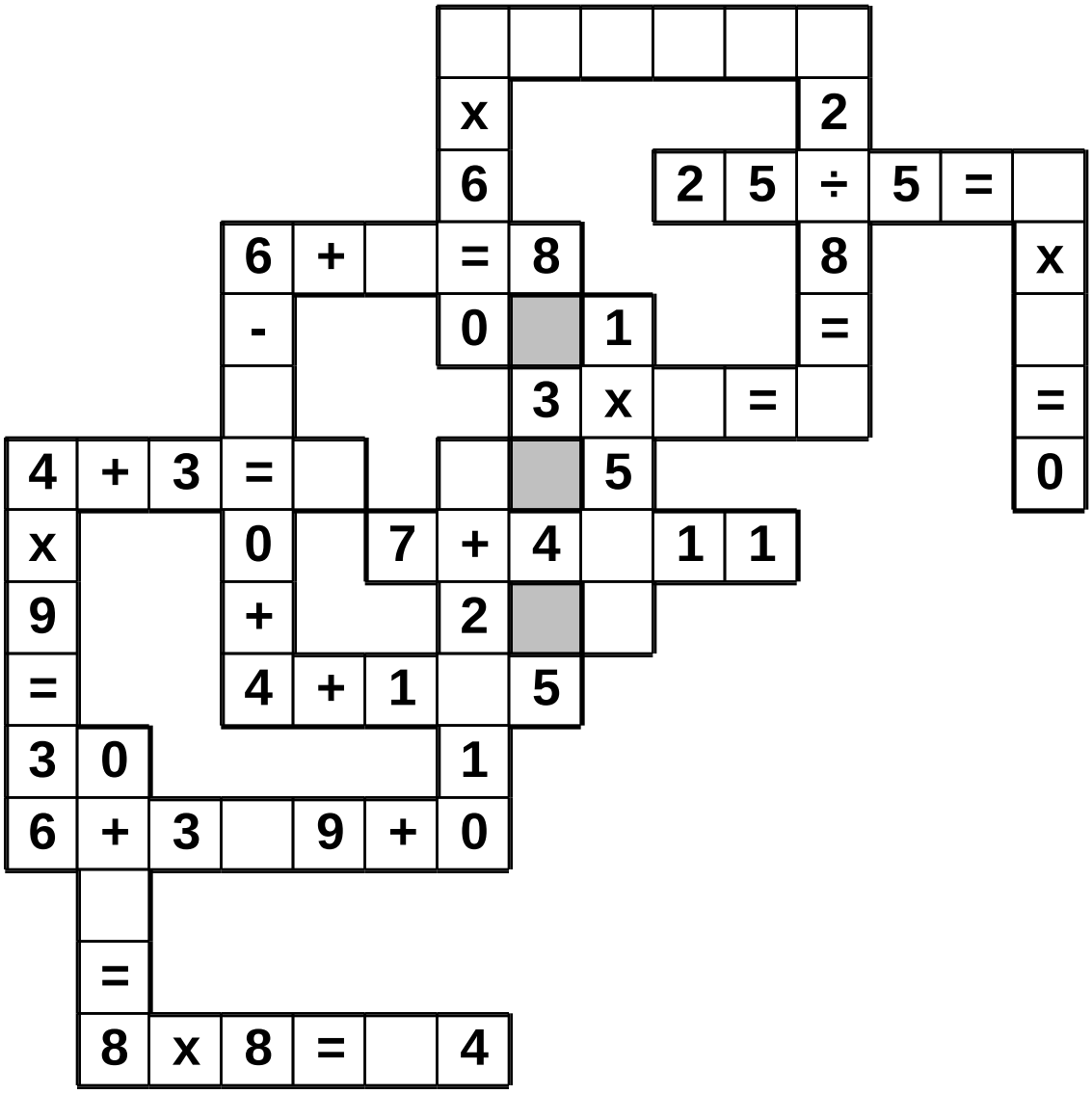
_____

word root **bas** can mean **low** **base, basement**

Name: _____

0 • 2 • + • 5 • = • 7 • 5 • 2 • 0 • 2 • 3 • 9 • 7 • 8 • = • 5 = • = • 8 • 6

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



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

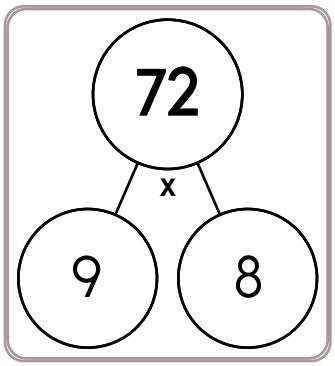
_____

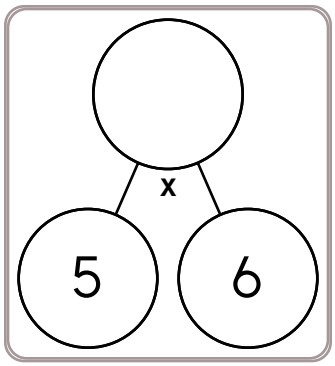
7,169 - 6,677 = _____

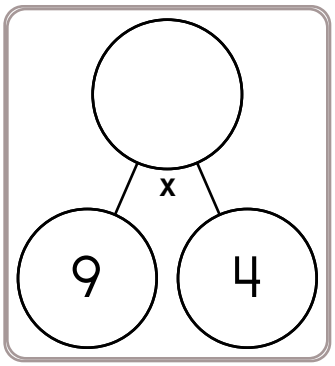
2,159 - 1,143 = _____

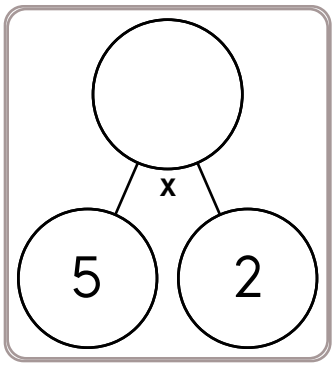
986 - 437 = _____

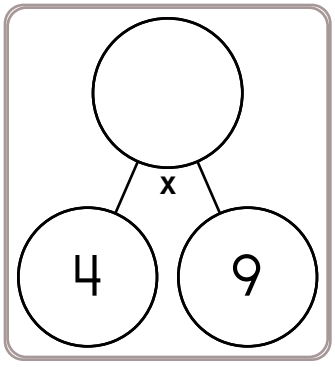
Name: _____

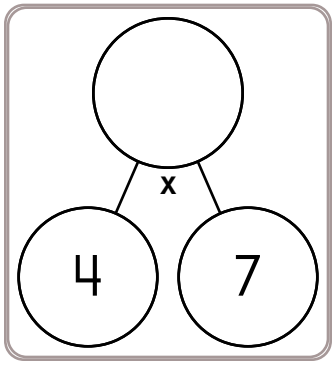


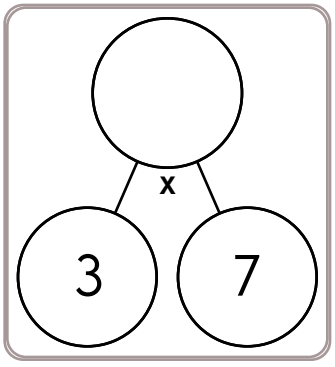


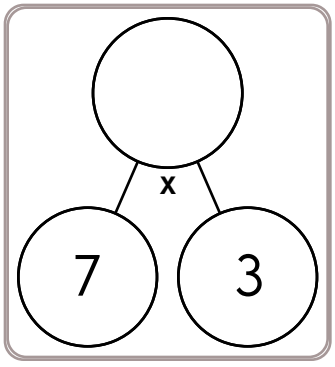








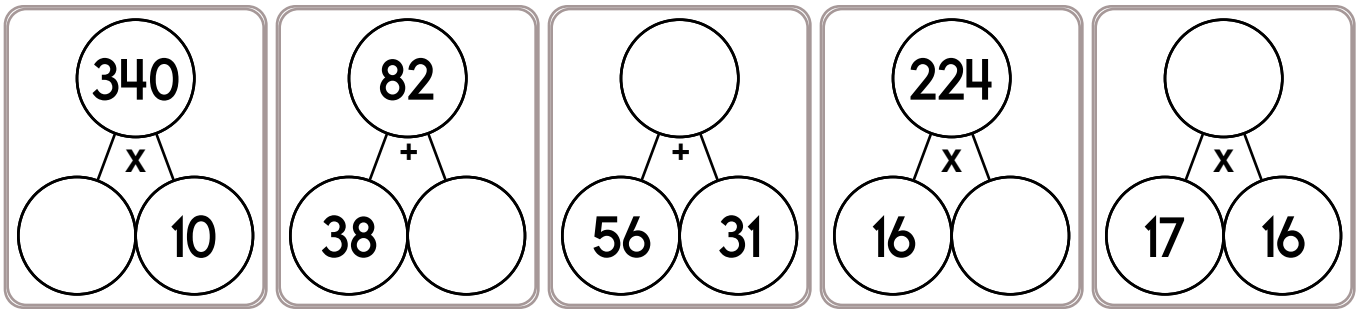


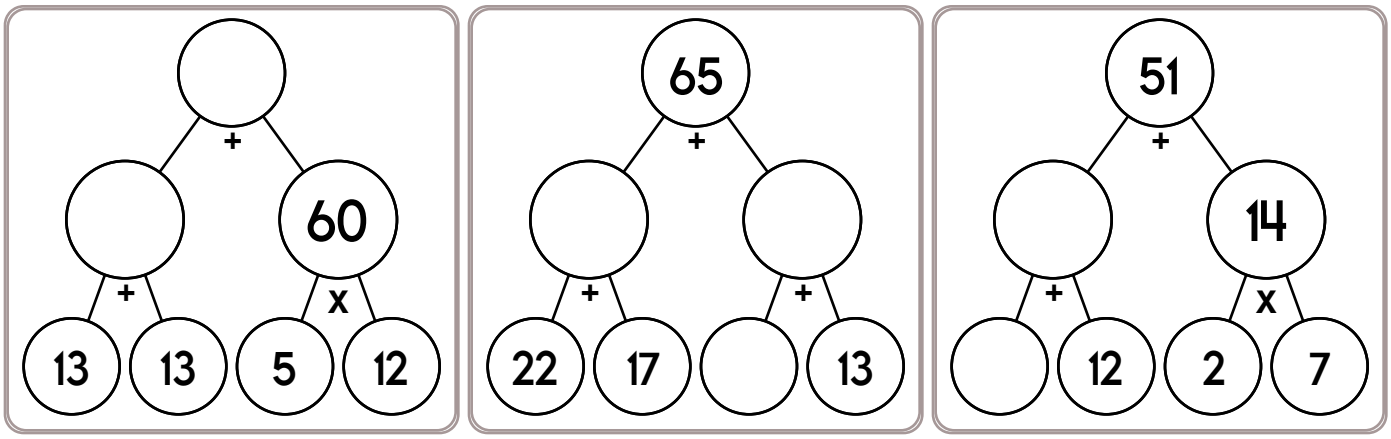


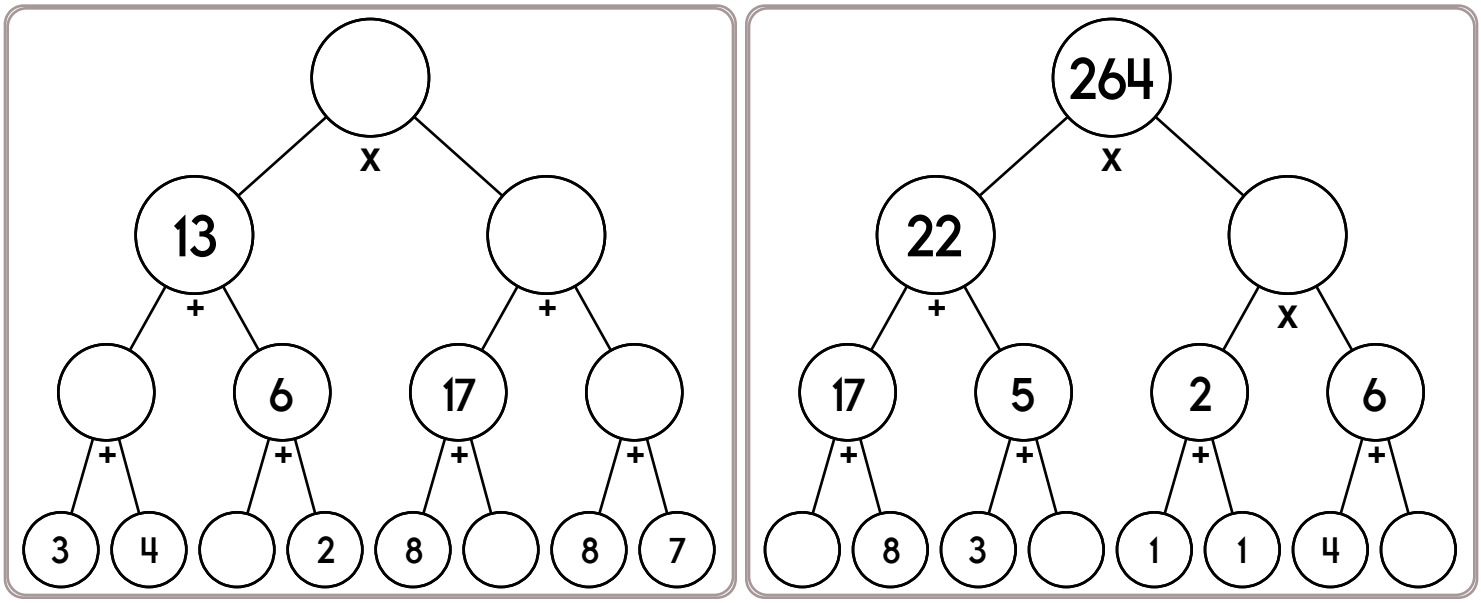
4 x 3 =	6 x 8 =	8 x 8 =
3 x 2 =	4 x 5 =	6 x 3 =
4 x 9 =	7 x 6 =	2 x 3 =
5 x 7 =	9 x 6 =	6 x 7 =

4 x ___ = 16	___ x 3 = 33	12 x ___ = 96
___ x 2 = 10	3 x ___ = 21	___ x 11 = 55
5 x ___ = 50	___ x 9 = 108	7 x ___ = 77
___ x 7 = 49	___ x 2 = 6	9 x ___ = 63

Name: _____







$4 \times 4 \times 4 = 4^x$

What is the value of x?

Each side of a regular pentagon is 51.7 centimeters. What is the perimeter?

$|-6| - g = 12$

$g =$

word root **viv** can mean **life** **vivacious, vivid**

Name: _____

Sara built a new cabinet for one of her antique radios. The front of the cabinet is 9.3 inches wide and 11.4 inches high. If she doubles the length and width, what will the area be? Round your answer to the nearest hundredth.

The Limerick Day assembly will begin at 2:00 p.m. Emma has only $1\frac{1}{4}$ hours left to finish her work before the assembly begins. What time is it now?

Everyone was making a poster about forgiveness for Let It Go Day. Peter wanted his to be a little different. He decided to make it round. If his poster has a radius of six inches, what will the circumference of the circle be?

Name: _____

Express each percent as a fraction in simplest form.

38% =

90% =

5% =

Wendy practiced throwing softballs from third base to the first baseman. The first baseman caught her throw 70% of the time. What fraction of her throws did the first baseman not catch?

Express each percent as a mixed number in simplest form.

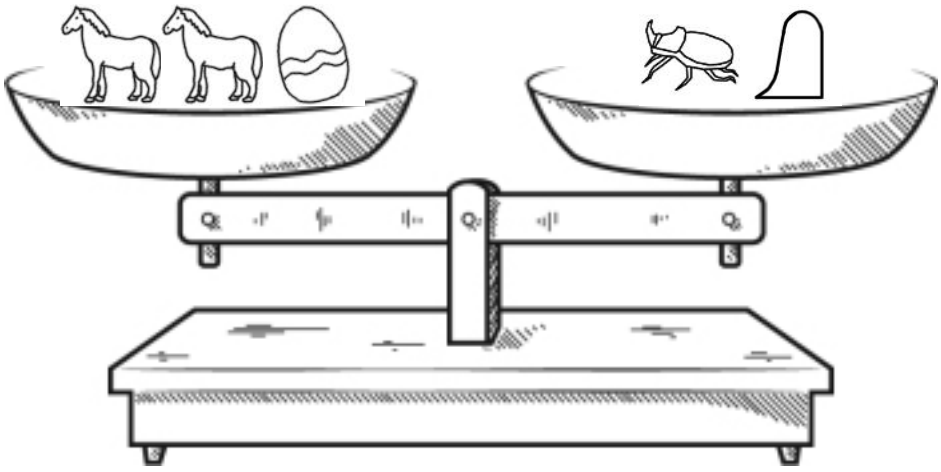
30% =

182% =

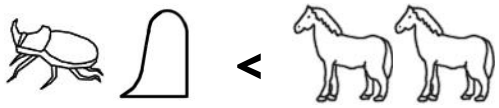
206% =

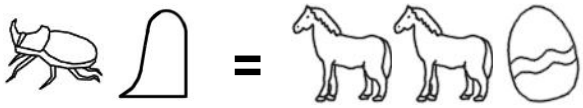
Sixty percent of David's favorite chocolate bar is made from cocoa beans. The rest of the bar is sugar, vanilla, and sea salt. What fraction of David's favorite chocolate bar is not cocoa beans?

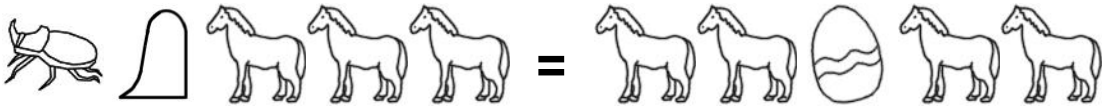
Name: _____

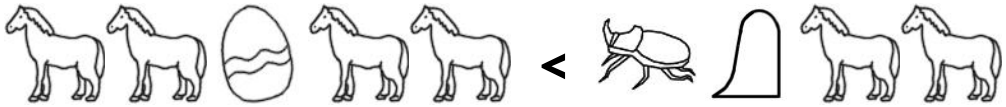


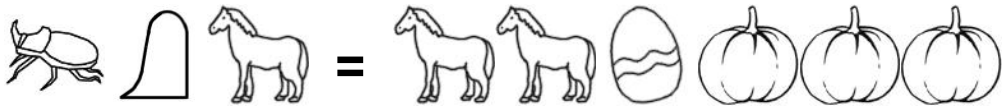
 ☐ True ☐ False

 ☐ 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: _____

Can you figure out the value of the letter?

$3h + 1 = 7$

first subtract 1 from both sides

then divide each side by 3

$3h + 1 - 1 = 7 - 1$

$3h = 6$

$3h \div 3 = 6 \div 3$

$h = 2$

Double check: $(3 \times 2) + 1 = 7$

$5b + 3 = 38$

b = ___

Double check: (5 x ___) + 3 = 38

$3w - 14 = 1$

w = ___

Double check: (3 x ___) - 14 = 1

$8d - 21 = 11$

d = ___

Double check: (8 x ___) - 21 = 11

$7g + 7 = 21$

g = ___

Double check: (7 x ___) + 7 = 21

$8k + 9 = 57$

k = ___

Double check: (8 x ___) + 9 = 57

Name: _____

Find 2 equations hidden in each box. Good luck!

7
9
1 + 3
8
7 + 3
30
5 x 1
5
45
8 x 6
8 - 1
2 x 8
81

Write 2 equations: _____ _____

2 + 2
4 x 7
8 x 9
4
8 x 3
9 + 8
1
9 x 4
1 + 1
40
20
63
4 + 9
7
13

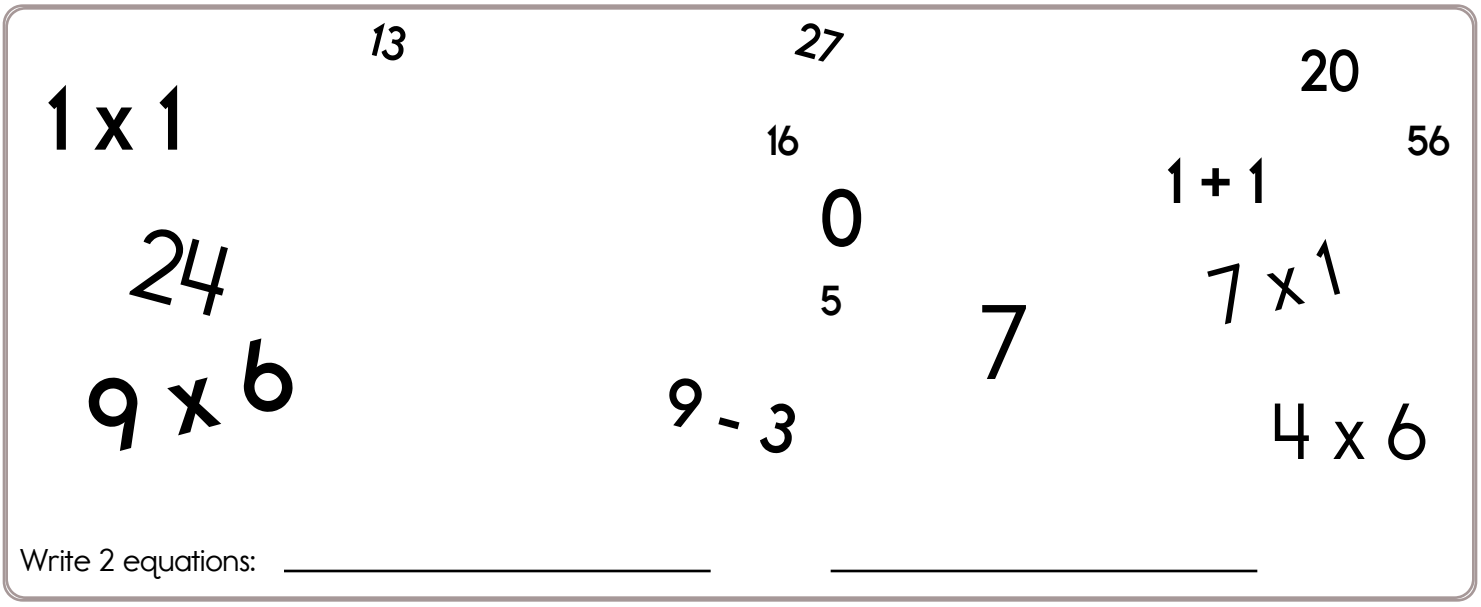
Write 2 equations: _____ _____

14
48
8 - 2
8 + 6
6 + 5
8 x 5
40
1
8 x 4
81
54
4
3

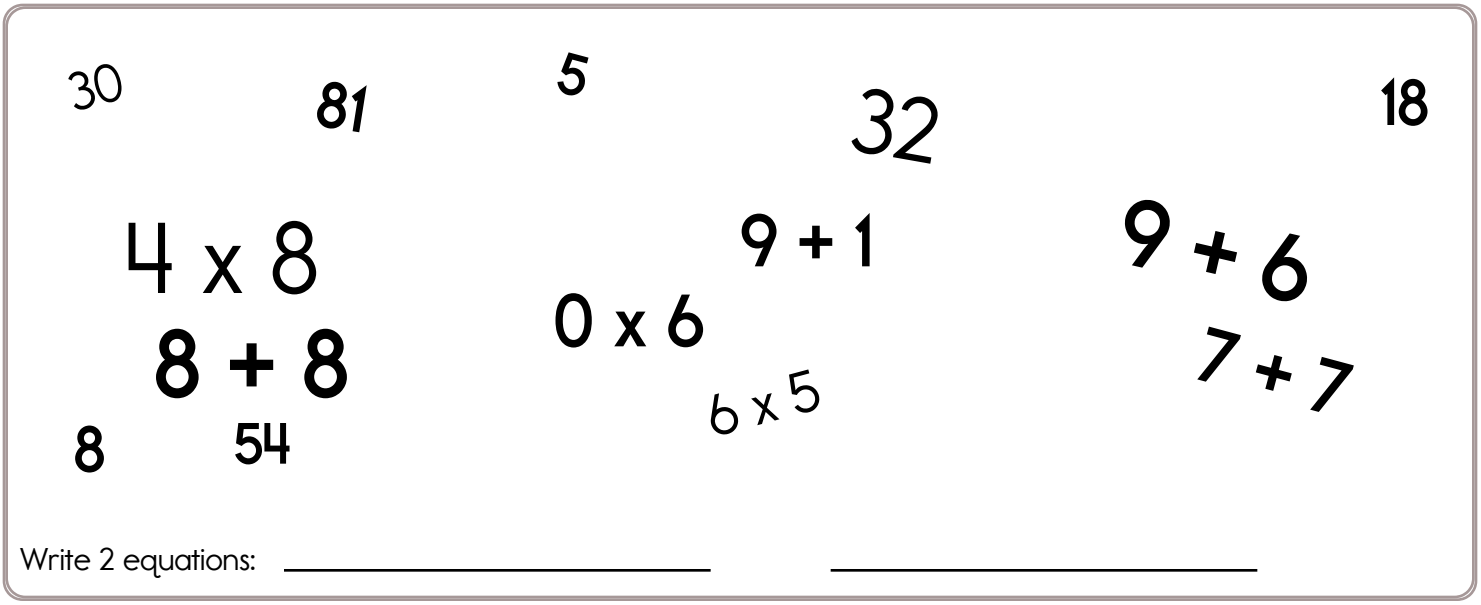
Write 2 equations: _____ _____

Name: _____

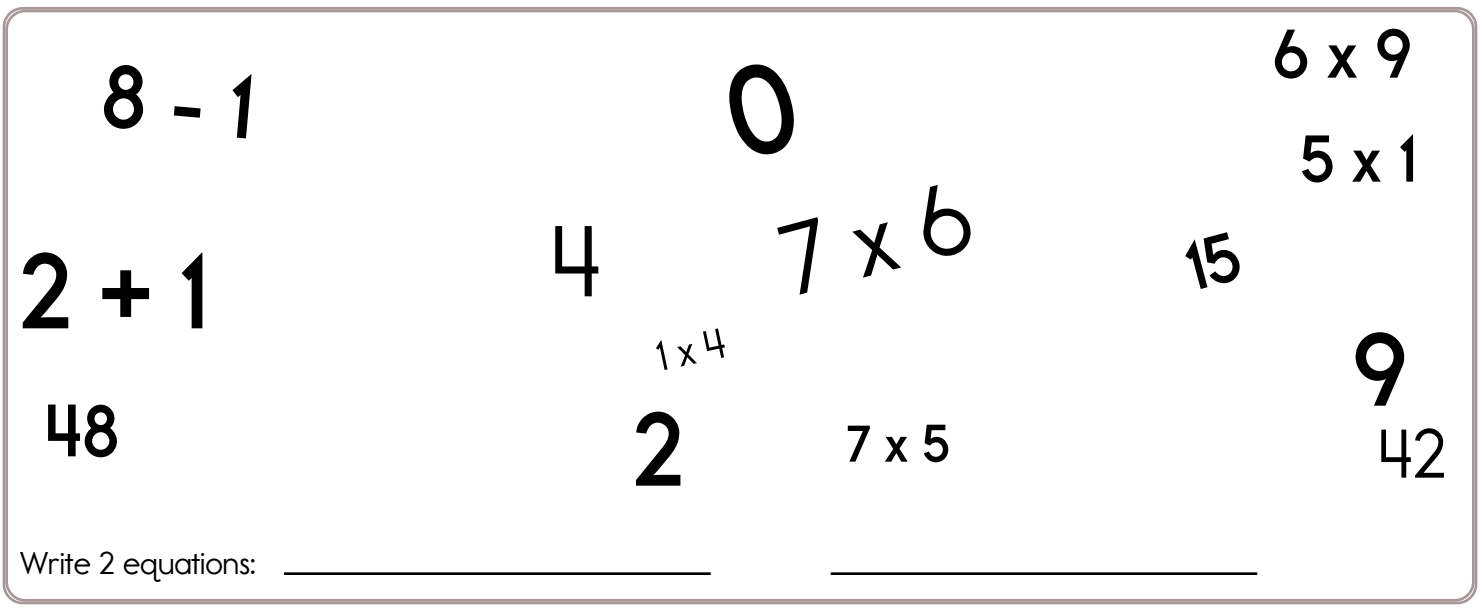
Find 2 equations hidden in each box. Good luck!



Write 2 equations: _____ _____



Write 2 equations: _____ _____



Write 2 equations: _____ _____

Name: _____

Can you guess the word?

No duplicate letters can be used.

M	E	T	A	L

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

A	N	G	L	E

The letter N is in the word, but N 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.

W	R	O	T	E
B	A	C	O	N

D F G H I J K L M P Q S U V X Y Z

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

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

Hint: There are no duplicate letters in the answer.

U	N	T	I	E
D	R	I	N	K

A B C F G H J L M O P Q S V W X Y Z

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

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

Hint: There are no duplicate letters in the answer.

B	L	A	M	E
H	A	R	D	Y

C F G I J K N O P Q S T U V W X Z

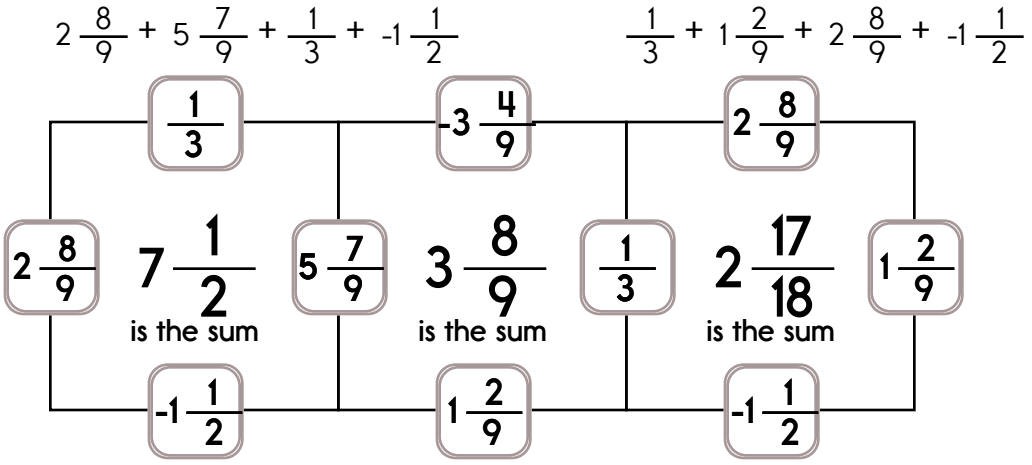
Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

Y R L H E Y W E T A Y Y B A H L O D Z
R A H W Y D A A H R L R Y L P A Y Y D
G T E M H Y R C T W T A B A A G R B M
Y D O L B E D D D R A A D E Y M B D M
T D W D O Q A R D D A D R T T D E M Y
H O A R A Y R Y D H A H T L T F O A Y
A Y Y Y M Y Y A Y R Y A X Y M I E A A
B J T H P B W T D H B B A M Y A R P A

Name: _____

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

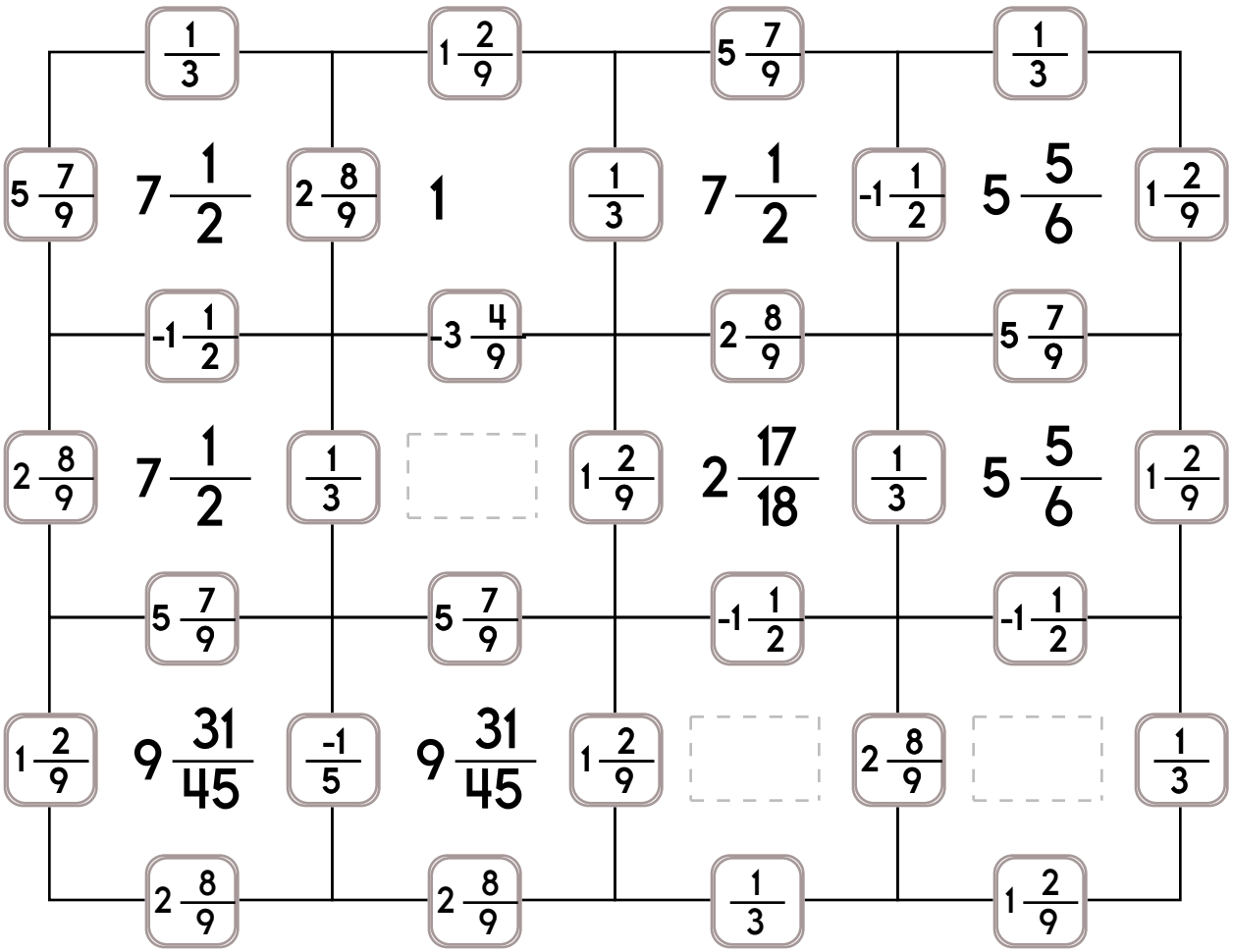
Sample:



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: $-3\frac{4}{9}$, $-1\frac{1}{2}$, or $\frac{-1}{5}$.

The other three numbers have to all be DIFFERENT and must be from these: $5\frac{7}{9}$, $1\frac{2}{9}$, $2\frac{8}{9}$, or $\frac{1}{3}$.

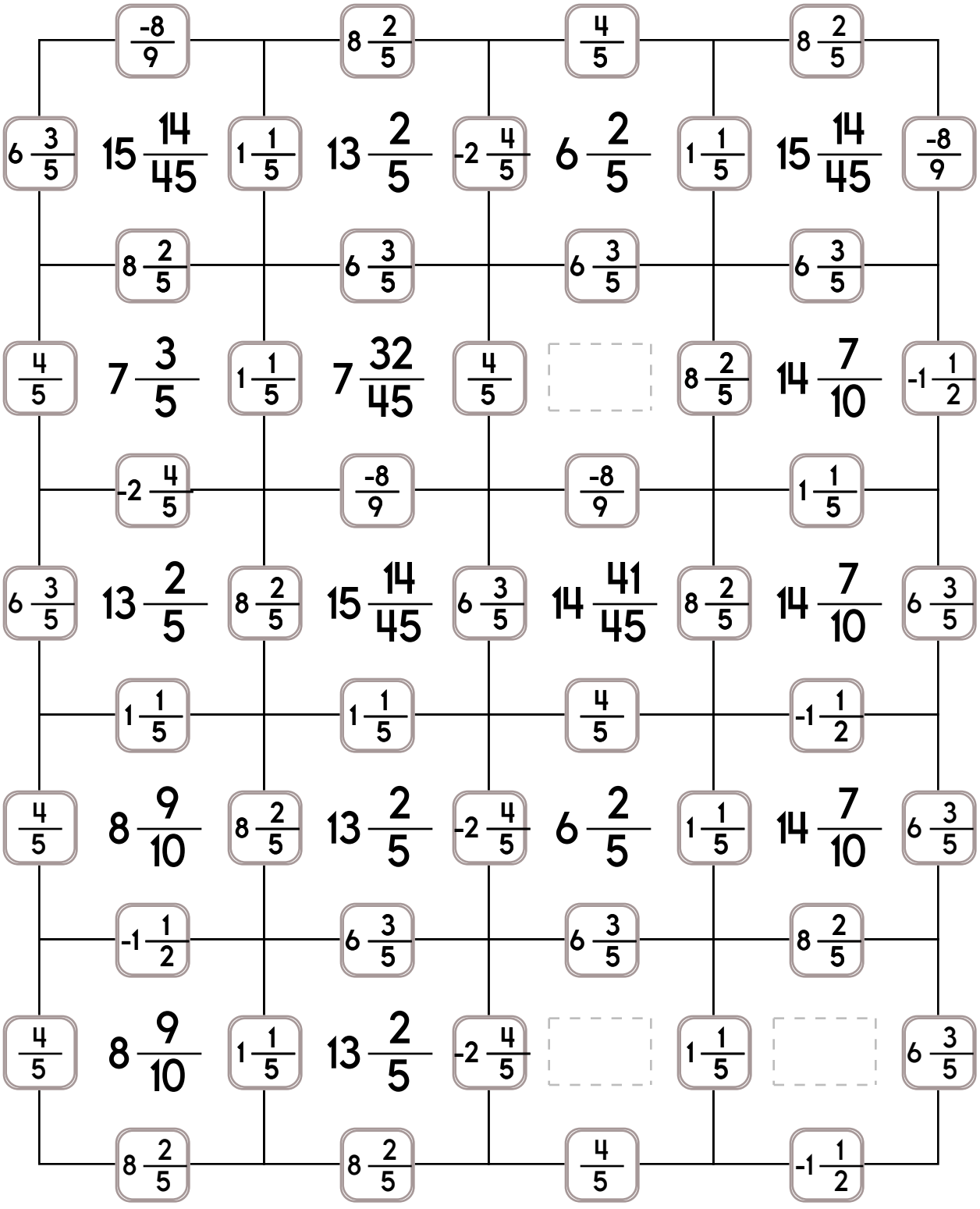


Name: _____

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: $-2\frac{4}{5}$, $-1\frac{1}{2}$, or $\frac{-8}{9}$.

The other three numbers have to all be DIFFERENT and must be from these: $1\frac{1}{5}$, $8\frac{2}{5}$, $6\frac{3}{5}$, or $\frac{4}{5}$.



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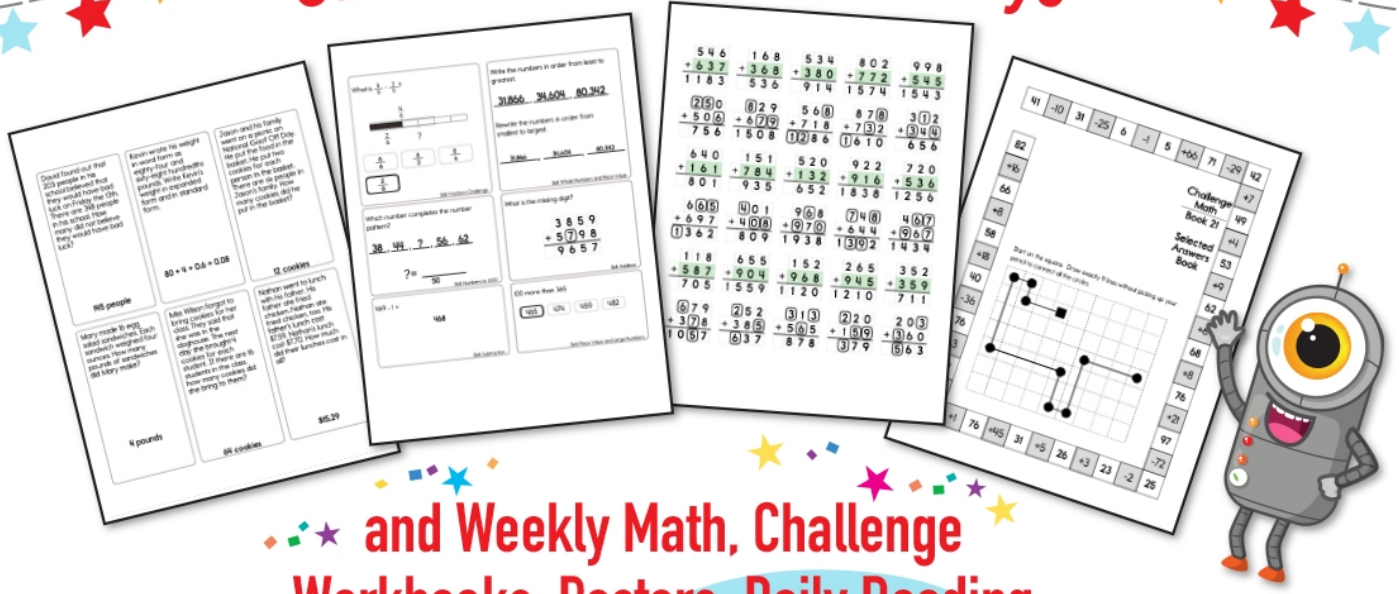

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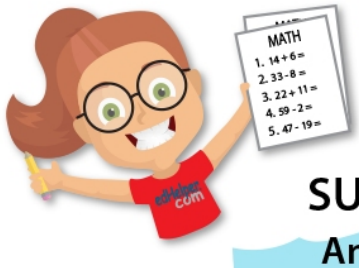

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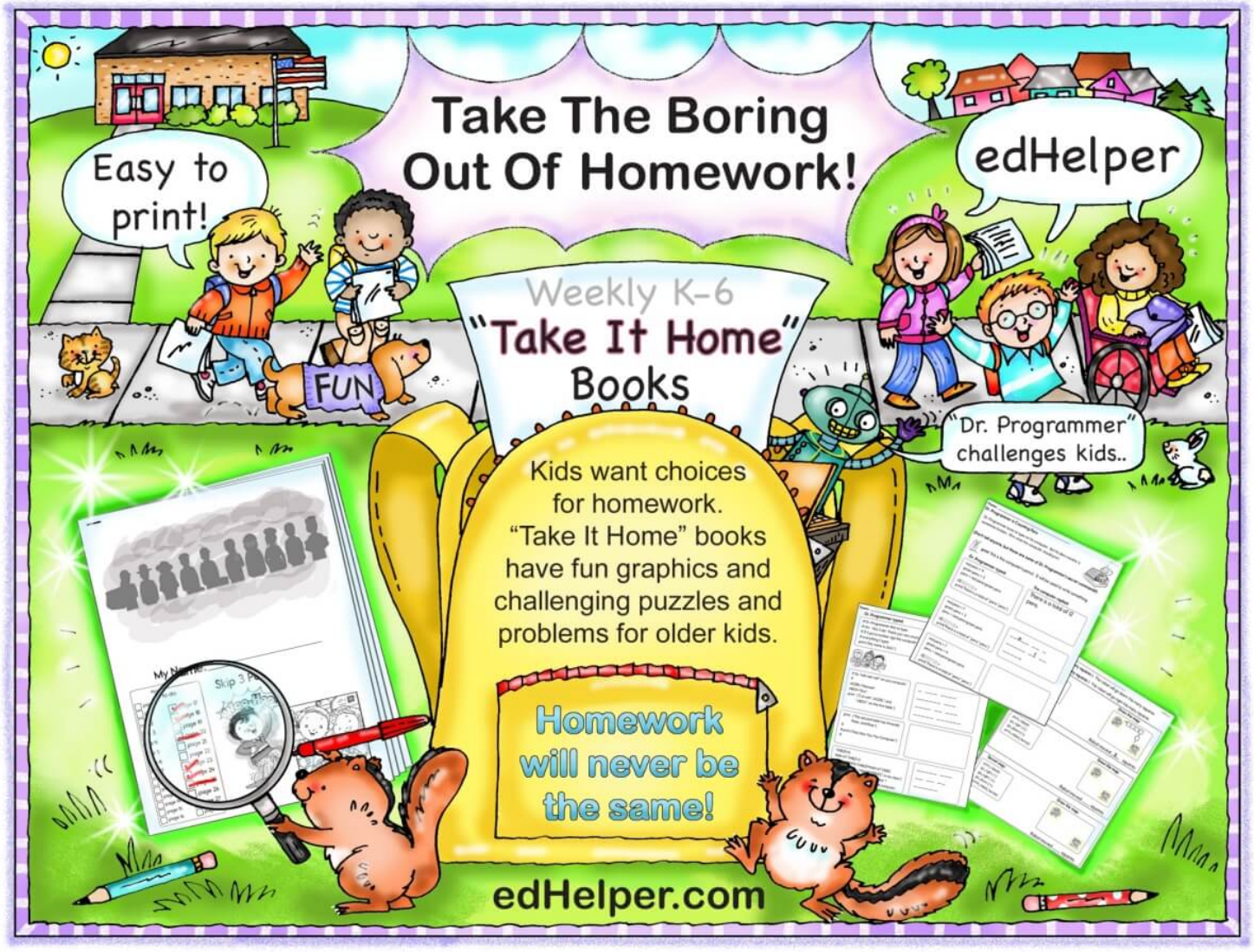
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