Name: _____

X		6	2		4	
	___ x ___	___ x 6	___ x 2	___ x ___	28 ___ x 4	42 ___ x ___
	72 ___ x ___	___ x 6	___ x 2	18 ___ x ___	___ x 4	___ x ___
	___ x ___	24 ___ x 6	___ x 2	___ x ___	___ x 4	24 ___ x ___
	48 ___ x ___	24 ___ x 6	___ x 2	___ x ___	___ x 4	___ x ___
10	10 x ___	60 10 x 6	10 x 2	10 x ___	10 x 4	10 x ___
	___ x ___	___ x 6	4 ___ x 2	___ x ___	___ x 4	___ x ___
3	3 x ___	3 x 6	6 3 x 2	3 x ___	3 x 4	3 x ___
10	10 x ___	10 x 6	10 x 2	30 10 x ___	10 x 4	10 x ___

Write a letter that has a line of symmetry.

_____

In the number 4,753:

3 is _____ times as much as the value of the 4.

7 is _____ times as much as the value of the 5.

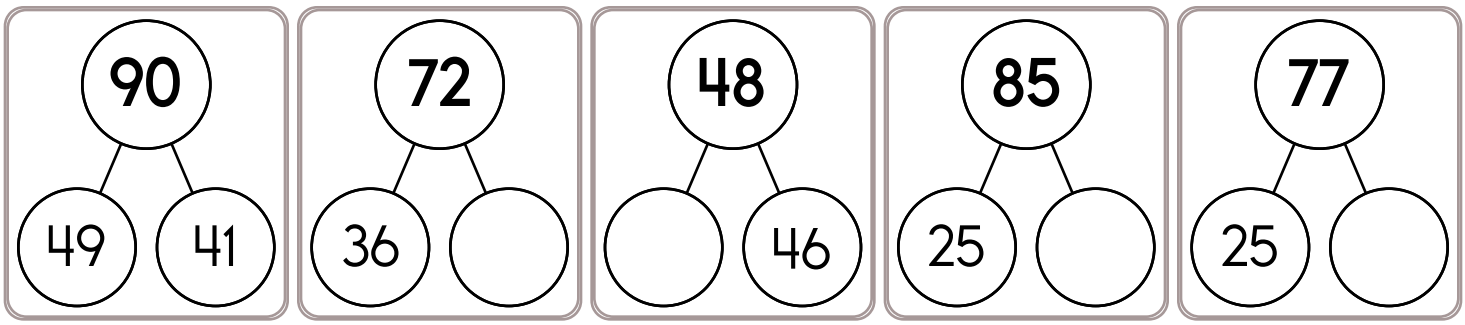
word root **anim** can mean **spirit or life** **animate, equanimity, inanimate**

Name: _____

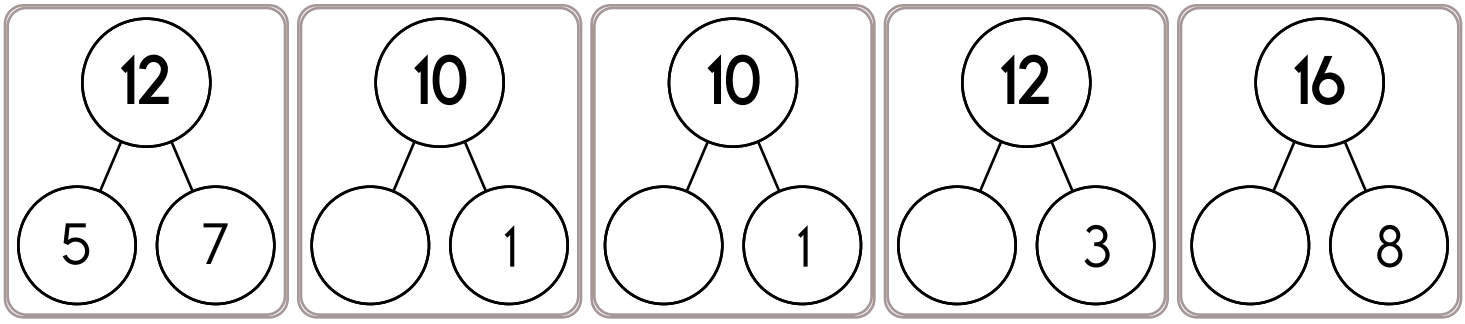
Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.

6 x 8 = _____	9 + 4 = _____	9 - 3 = _____	40 ÷ 5 = _____	4 + 8 = _____
8 + 5 = _____	4 + 9 = _____	7 x 9 = _____	4 x 3 = _____	7 + 7 = _____
6 + 5 = _____	7 - 5 = _____	32 ÷ 8 = _____	9 + 5 = _____	7 x 7 = _____
4 + 7 = _____	30 ÷ 5 = _____	8 - 7 = _____	9 x 5 = _____	5 + 9 = _____
3 + 8 = _____	5 x 6 = _____	8 + 5 = _____	8 + 4 = _____	32 ÷ 4 = _____
3 x 8 = _____	7 - 6 = _____	9 + 6 = _____	9 + 6 = _____	6 + 9 = _____



47 + 5 = _____	65 + 6 = _____	18 + 5 = _____	29 + 6 = _____	58 + 8 = _____
33 + 7 = _____	76 + 8 = _____	54 + 3 = _____	26 + 3 = _____	35 + 7 = _____
78 + 6 = _____	48 + 6 = _____	17 + 3 = _____	65 + 8 = _____	26 + 6 = _____
69 + 9 = _____	58 + 3 = _____	13 + 7 = _____	75 + 9 = _____	46 + 8 = _____



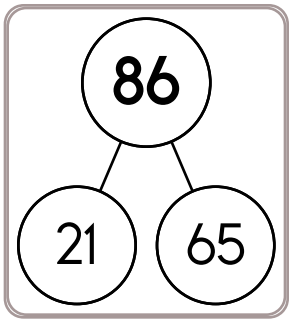
77 + 8 = _____	27 + 7 = _____	68 + 3 = _____	37 + 2 = _____	59 + 2 = _____
19 + 4 = _____	44 + 7 = _____	17 + 6 = _____	57 + 3 = _____	23 + 4 = _____
74 + 6 = _____	39 + 7 = _____	65 + 8 = _____	43 + 8 = _____	38 + 3 = _____
67 + 4 = _____	18 + 7 = _____	25 + 4 = _____	57 + 9 = _____	43 + 8 = _____

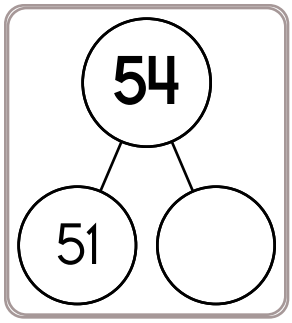
Name: _____

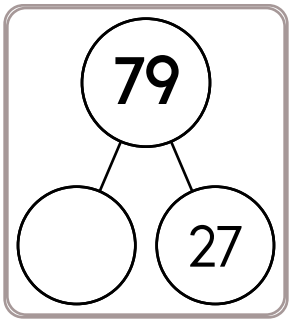
Spin again.

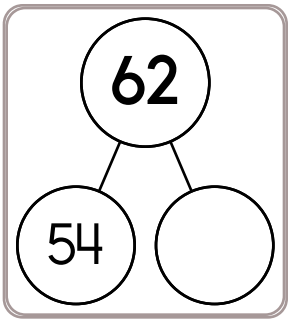
I needed to spin _____ time(s) to finish.

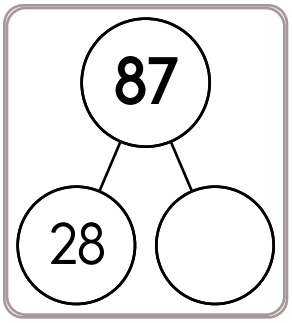
4 x 7 = _____	9 + 9 = _____	3 + 9 = _____	5 + 4 = _____	8 x 4 = _____
35 ÷ 7 = _____	9 + 4 = _____	7 - 5 = _____	4 x 9 = _____	7 - 3 = _____
6 x 7 = _____	7 + 3 = _____	4 + 5 = _____	12 ÷ 3 = _____	4 + 9 = _____
9 + 8 = _____	5 + 8 = _____	3 x 3 = _____	3 + 8 = _____	8 + 4 = _____
3 + 7 = _____	32 ÷ 8 = _____	9 - 6 = _____	4 x 7 = _____	8 x 8 = _____











76 + 7 = _____	47 + 9 = _____	68 + 7 = _____	35 + 7 = _____	55 + 5 = _____
16 + 9 = _____	28 + 4 = _____	44 + 7 = _____	26 + 6 = _____	38 + 8 = _____
69 + 5 = _____	54 + 9 = _____	16 + 5 = _____	78 + 5 = _____	64 + 8 = _____
29 + 6 = _____	13 + 5 = _____	38 + 3 = _____	45 + 4 = _____	57 + 6 = _____
73 + 7 = _____	28 + 6 = _____	38 + 4 = _____	56 + 8 = _____	63 + 4 = _____
15 + 6 = _____	47 + 5 = _____	75 + 3 = _____	17 + 8 = _____	43 + 3 = _____
64 + 3 = _____	74 + 8 = _____	33 + 4 = _____	55 + 7 = _____	25 + 9 = _____
26 + 5 = _____	53 + 9 = _____	45 + 8 = _____	78 + 4 = _____	38 + 4 = _____
48 + 9 = _____	74 + 6 = _____	14 + 7 = _____	64 + 5 = _____	35 + 8 = _____
23 + 6 = _____	58 + 4 = _____	49 + 7 = _____	67 + 8 = _____	58 + 5 = _____
15 + 8 = _____	28 + 7 = _____	38 + 3 = _____	76 + 7 = _____	25 + 8 = _____
43 + 7 = _____	15 + 4 = _____	34 + 3 = _____	64 + 8 = _____	77 + 4 = _____
59 + 6 = _____	33 + 4 = _____	69 + 8 = _____	16 + 3 = _____	43 + 8 = _____

Name: _____

Kevin started his homework at 3:08 p.m. He worked for 37 minutes. What time did he finish?	Mr. Brown bought 2 $\frac{3}{4}$ pounds of ham to make sandwiches for Police Week lunch in the park. The ham cost $3.30. What was the cost of the ham per pound? (Round your answer off to the nearest cent.)	Ava likes to read poems by Emily Dickinson. Last night she read from 7:32 p.m. until 9:18 p.m. How long did she read?

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 14 — T R **A** **I** **L**	7
1 2 4 6 12 18 — F R	
1 2 4 6 10 14 — A T	
1 2 4 6 12 18 — P I	

Make a Word	Sum
1 2 4 8 14 20 — N O	
1 2 4 6 8 12 18 — U	
1 2 4 6 10 16 — R E	
1 2 6 10 16 — M E	

Name: _____

Wendy will win if a random number pulled out of a box is an even number. 23 pieces of paper, numbered 1 to 23, are put inside a box. What is the chance that Wendy will win?

Can 777 be evenly divided by 8? Circle:
777 is evenly divisible by 8
777 is NOT evenly divisible by 8

Write a helping verb to accurately complete the sentence.

She _____ look for a towel so she can dry her hands.

_____

$$\begin{array}{r} 896 \\ -\ 132 \\ \hline \end{array}$$

10 cm = _____ mm

96 ÷ 8 =

$$\begin{array}{r} 45 \\ +\ 26 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ -\ 36 \\ \hline \end{array}$$

Anne is making up her own calendar. The first month of her weird calendar is called Raffy. To make matters worse, she is giving Raffy a total of forty-seven days. What is the least number of Tuesdays that can occur during Raffy? Show the month of Raffy.

Name: _____

How many digits are in the number of days in the current month?

_____

Circle the addition property for 40 + 40 = 40 + 40.

commutative property

associative property

$$\begin{array}{r} 342 \\ +\ 478 \\ \hline \end{array}$$

1 lb = 16 oz

18 lb = _____ oz

Emily will win if a random number pulled out of a box is a multiple of 3. 21 pieces of paper, numbered 21 to 41, are put inside a box. What is the chance that Emily will win?

Which is the largest?

39.9 ÷ 7.3 39.9 ÷ 7.4 39.9 ÷ 7.2

Write an equation to represent this:

The product of nine and six is fifty-four.

_____

Circle the greatest number:

2,794,852 6,013

189,625 53,470

How many inches are in 5 feet?

_____ inches

In each pair, circle the word that is spelled correctly.

hyjrant, hydrant

icicle, isicle

island, iland

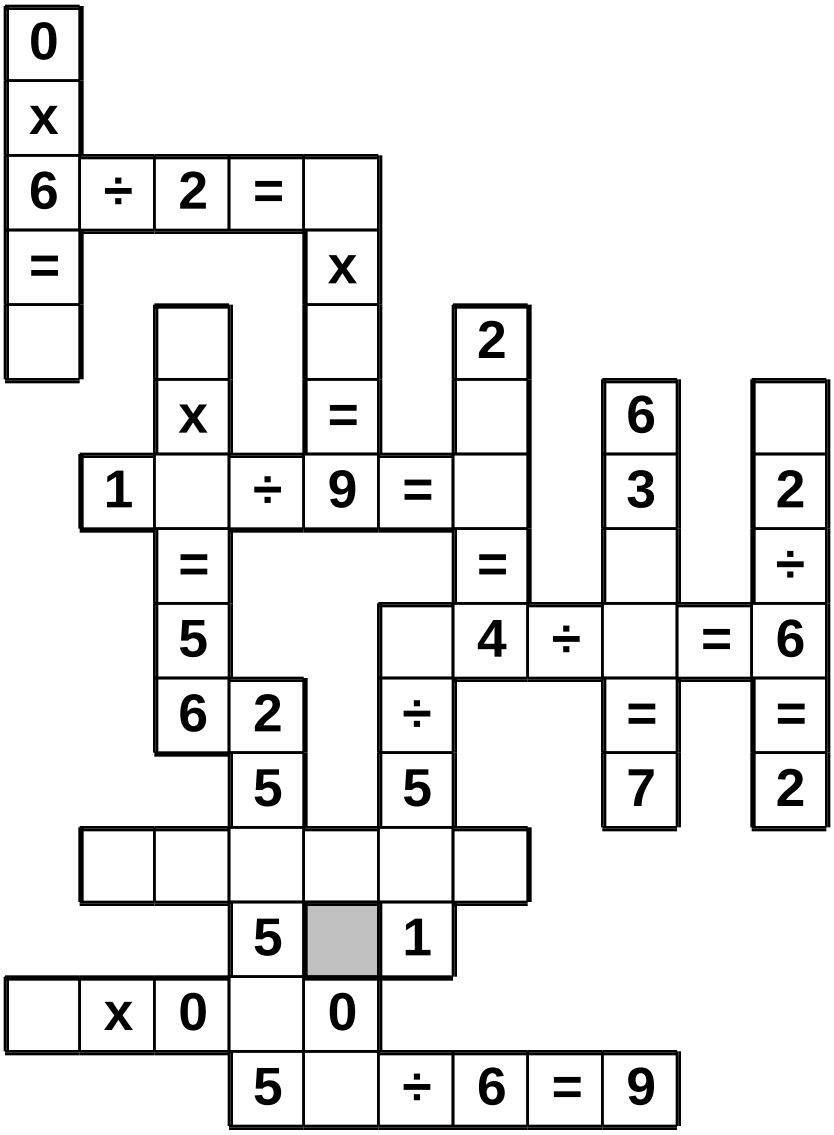
For 7,317,877,209,154,932, write the digit that is in the ten thousands place.

_____

Name: _____

3 • 0 • 7 • 3 • x • 1 • 8 • 2 • ÷ • 5 • 9 • 1 • 0 • ÷ • 5 • =
2 • 0 • = • 4

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



Anna has two favorite numbers. If you add her favorite numbers, you get 23. If you multiply her favorite numbers, you get 126. What are her mystery numbers?

_____

7 x 10 = _____

What time is 16 hours after 1:00 a.m.?

_____

Name: _____

Germany, Russia, and United States competed in a two-run bobsled competition.
The times on the first run were two minutes and 2.55 seconds, two minutes and 3.17 seconds, and two minutes and 2.87 seconds.
The times on the second run were two minutes and 0.24 seconds, two minutes and 0.71 seconds, and two minutes and 0.87 seconds.

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

1. The bobsled team from Russia clocked a combined time of four minutes and 3.58 seconds.
2. The team that finished the first run in two minutes and 2.55 seconds was not the team that finished the second run in either two minutes and 0.24 seconds or two minutes and 0.71 seconds.
3. On the first run, the team from Germany was sixty-two hundredths of a second behind the winners of the first run.

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

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

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

Ava wants Maria to guess a two digit number. She tells Maria that her number has two different digits. The digits are 4 and 7. Maria thinks. She then guesses the number 74. What are the chances that Maria has guessed correctly?

In the number 8,540,051,690, the digit 8 is in what place?

_____

Which reference material would you consult to find the answer to this question?

What is an antonym of the word "horrible"?

Name: _____

Use mental math to quickly solve.

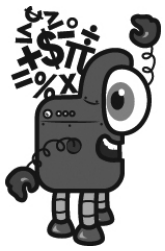
0.119 ÷ 10 = _____	32.54 ÷ 10 = _____
64.85 ÷ 10 = _____	0.337 ÷ 10 = _____
384.2 ÷ 100 = _____	51.8 ÷ 100 = _____
7,528.8 ÷ 100 = _____	8,731.9 ÷ 100 = _____
95.61 ÷ _____ = 9.561	0.98 ÷ _____ = 0.098
32.3 ÷ _____ = 0.323	0.79 ÷ 10 = _____
8,417.2 ÷ _____ = 84.172	_____ ÷ 10 = 3.463

$3\overline{)2.7}$ $4\overline{)1.20}$ $2\overline{)2.0}$

word root **audi** can mean **hear** **audience, audition**

Name: _____

Mental Math — #1 —



- Start with the number 338. **338**
- Add the number of pennies in a dollar. _____

3 6 4 3 8 3 1 7 8 7 (Circle your answer to double check you are correct.)

- Add half of 42. _____

4 8 2 4 5 9 8 0 6 3

- Add one-third of a dozen. _____

1 4 3 2 4 4 6 3 9 4

- Add half of 50. _____

1 5 4 6 4 8 8 7 7 3

- Add the digits in your number. The sum of that is your new number. _____

3 4 7 4 6 4 1 2 0 1

- Add the number of dimes in a dollar. _____

8 3 0 9 3 9 9 2 6 5

- Multiply the tens digit by the ones digit. The product is your new number. _____

4 1 2 6 5 7 0 8 3 2

- Multiply by 6. _____

0 6 3 9 1 9 7 2 8 1

- Add the number of ounces in 1 pound. _____

3 4 9 6 1 6 1 3 4 8

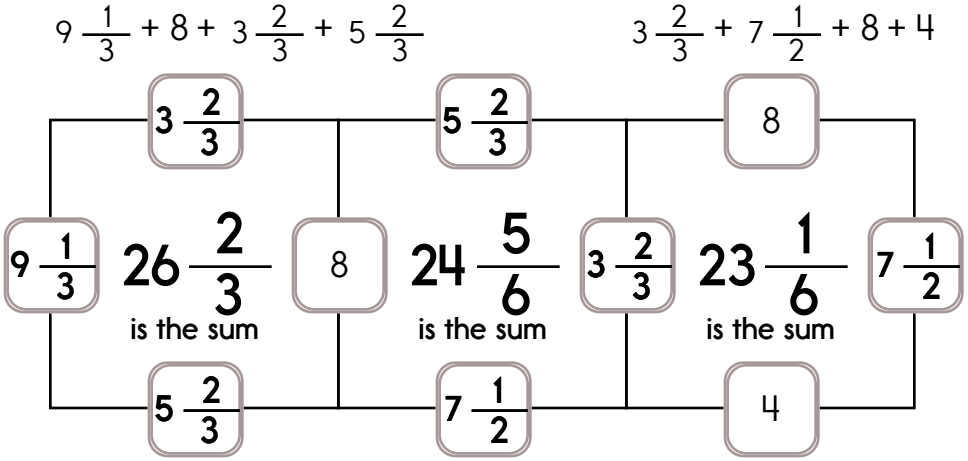
- Add three-fourths of a dozen. _____

9 5 3 2 5 7 7 4 4 6

Name: _____

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

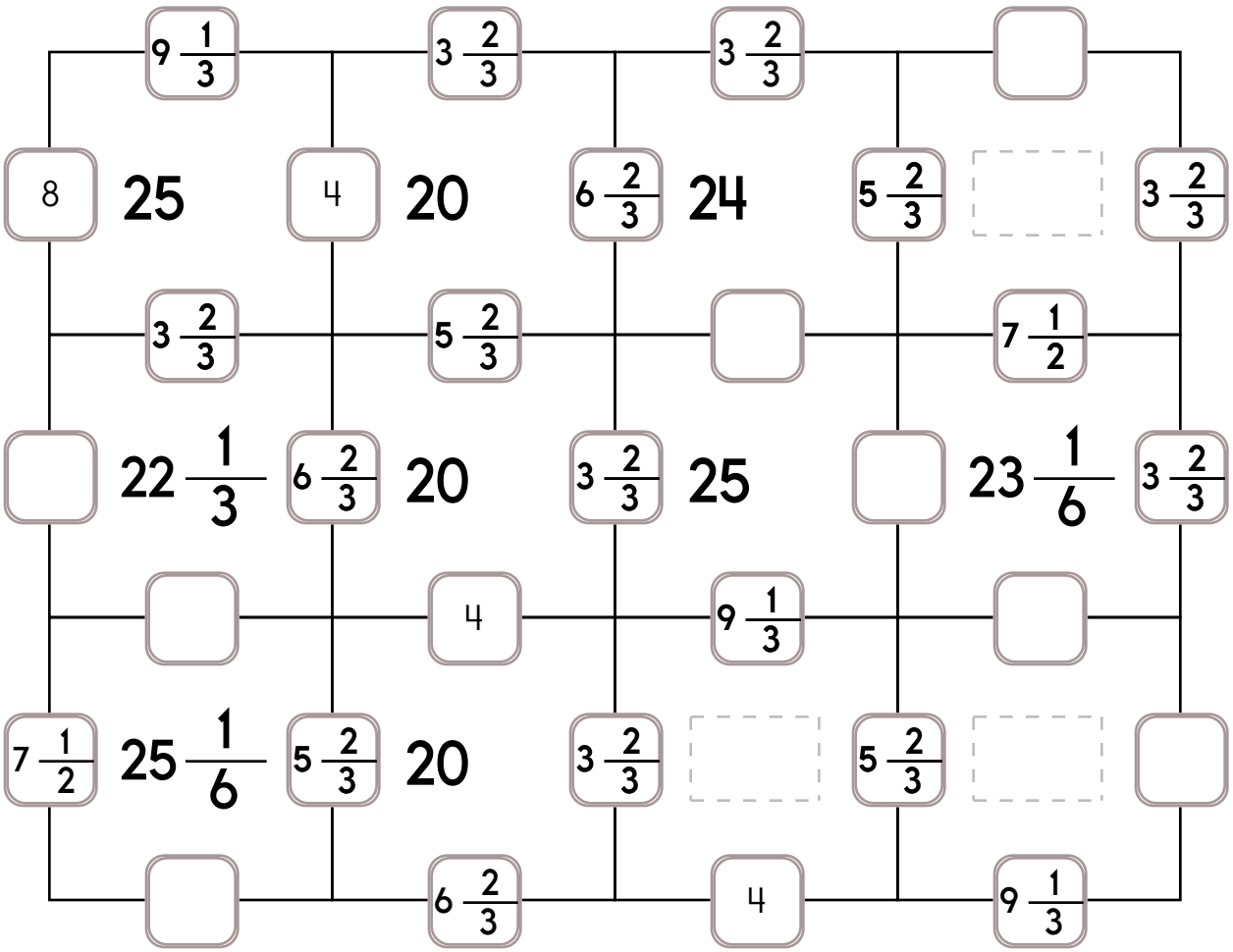
Sample:



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: $9\frac{1}{3}$, $6\frac{2}{3}$, or $7\frac{1}{2}$.

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

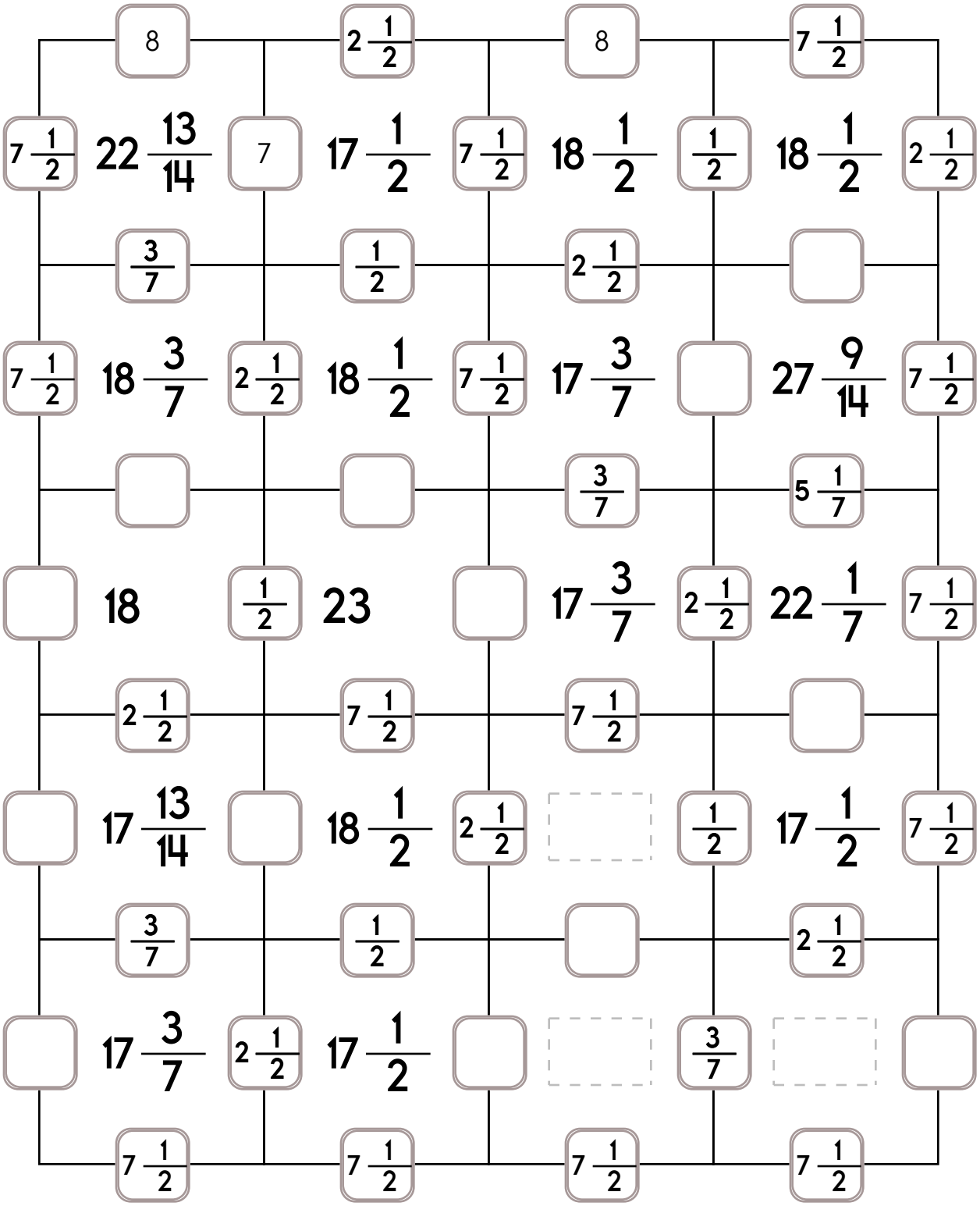


Name: _____

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: $\frac{1}{2}$, $5\frac{1}{7}$, or $\frac{3}{7}$.

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

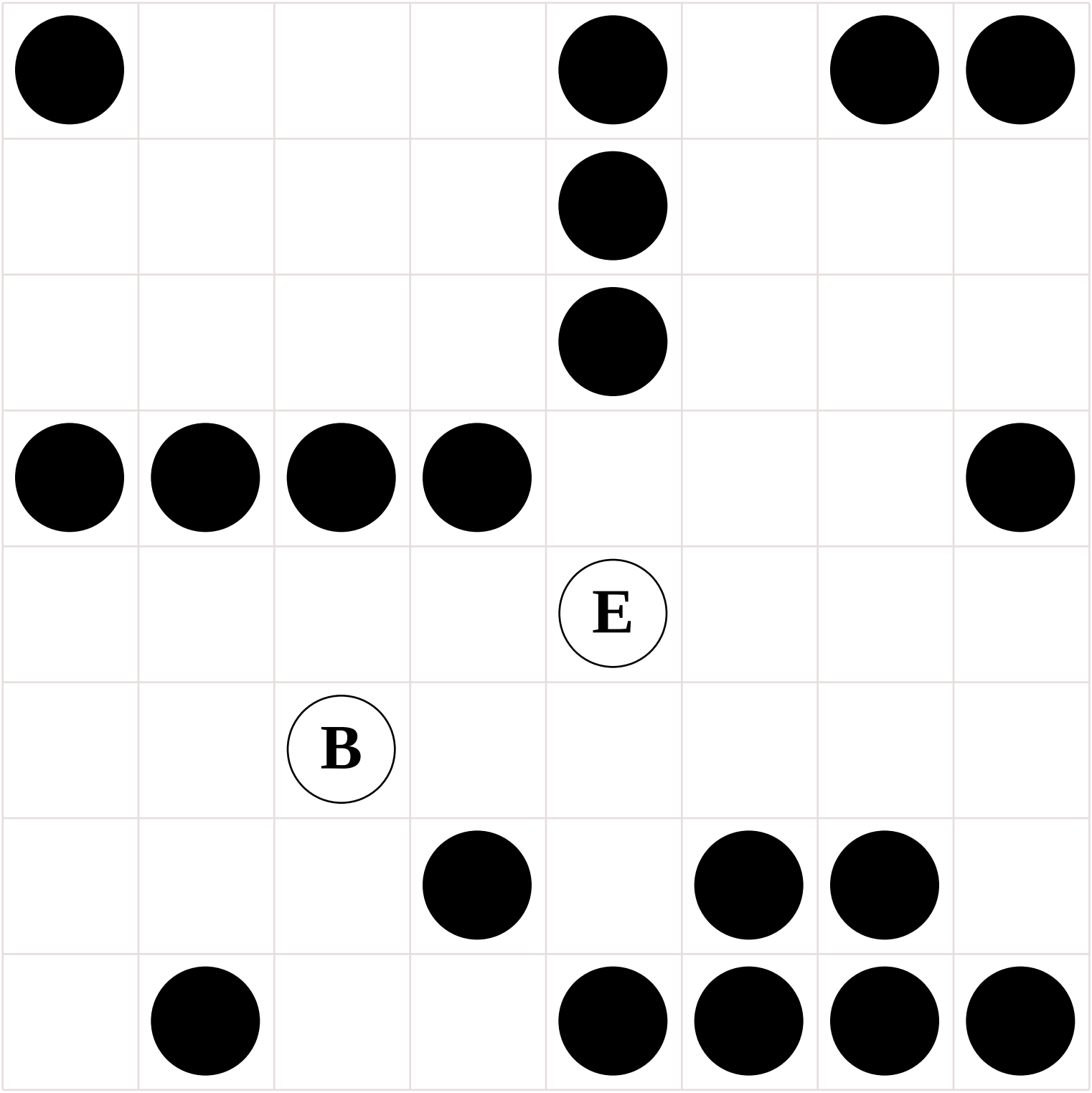


Name: _____

-3 + 9 = ___	12 + -2 = ___ 12 - 2 = ___	14 + -7 = ___ 14 - 7 = ___
13 - 2 = ___ 13 + -2 = ___	8 + -1 = ___ 8 - 1 = ___	16 - 14 = ___ 16 + -14 = ___
9 + -2 = ___ 9 - 2 = ___	-3 + 10 = ___	13 - 3 = ___ 13 + -3 = ___
19 + -8 = ___ 19 - 8 = ___	-8 + 16 = ___	10 + -3 = ___ 10 - 3 = ___
-15 + 18 = ___	-2 + 9 = ___	-10 + 19 = ___

Name _____ Date _____

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 circle. No stopping on an empty box.** Try to collect all the circles and finish your last line on the **E** circle. You can go through a circle more than once.



Didn't get them all? That's ok. This was hard.

I missed _____ circle(s).

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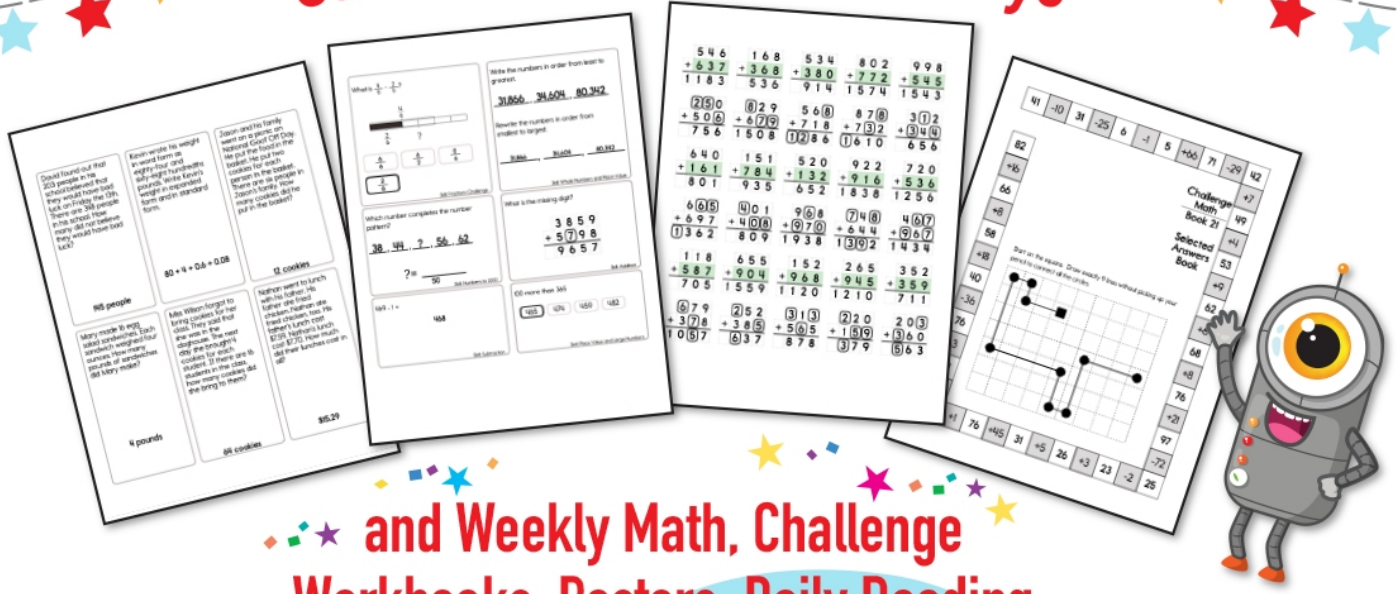

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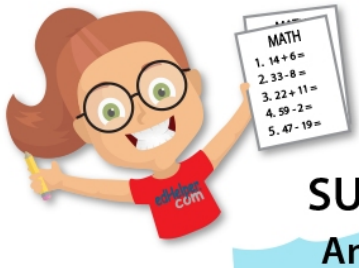

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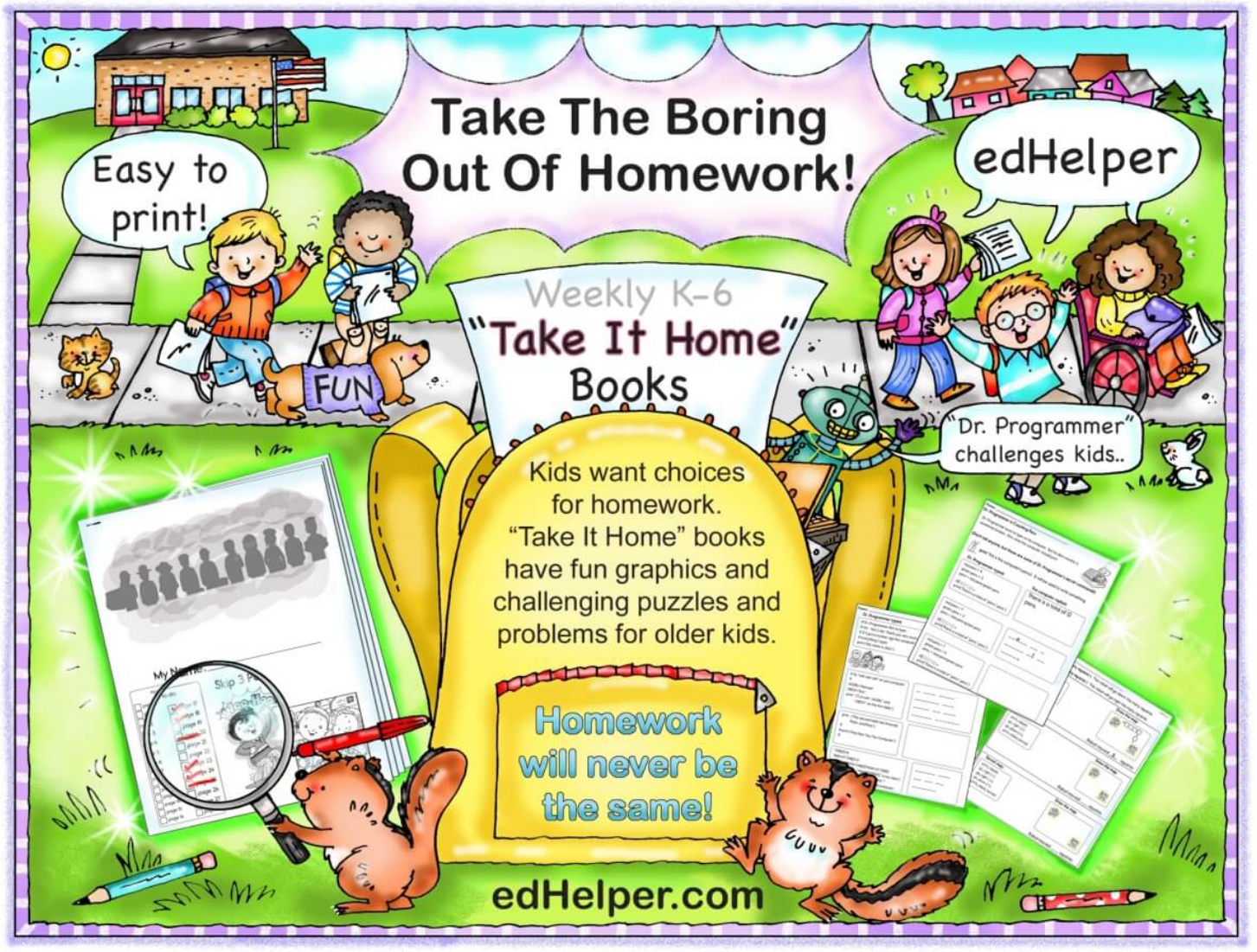
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