Name: _____

The letter V has an unknown value. If you multiply V by twelve, the product is four. What value does V have?

6, 72, 80, 960, 968,

_____, __, __, __

0.09 x 0.4

|-6| - s = 0

s =

$\frac{3}{4} \div \frac{10}{12} =$

Use >, <, or = to complete.

$\frac{2}{12}$ ___ 27%

$\frac{2}{9}$ ___ 35%

88% ___ $\frac{1}{2}$

What is the mode of the following number set?

48, 37, 48, 48, 38, 46, 44, 36, 41, 48, 40, 35, 45

In what quadrant would you find the point (-11, -13)?

|-10| - x = 17

x =

t - 7 + t = 27
What is the value of t?

Each side of a regular pentagon is 55.3 centimeters. What is the perimeter?

$4 \times 4 = 4^x$

What is the value of x?

What is the remainder of 34 divided by 4?

0.7 x 0.9

Rewrite $\frac{83}{100}$ as a decimal.

Name: _____

Divide and write remainder.

51 ÷ 6 =

35,928
57,436
+ 27,466

526798 x 6 =

214
x 2

499
- 119

6)54

Divide and write remainder.

30)980

Divide and write remainder.

742
+ 35

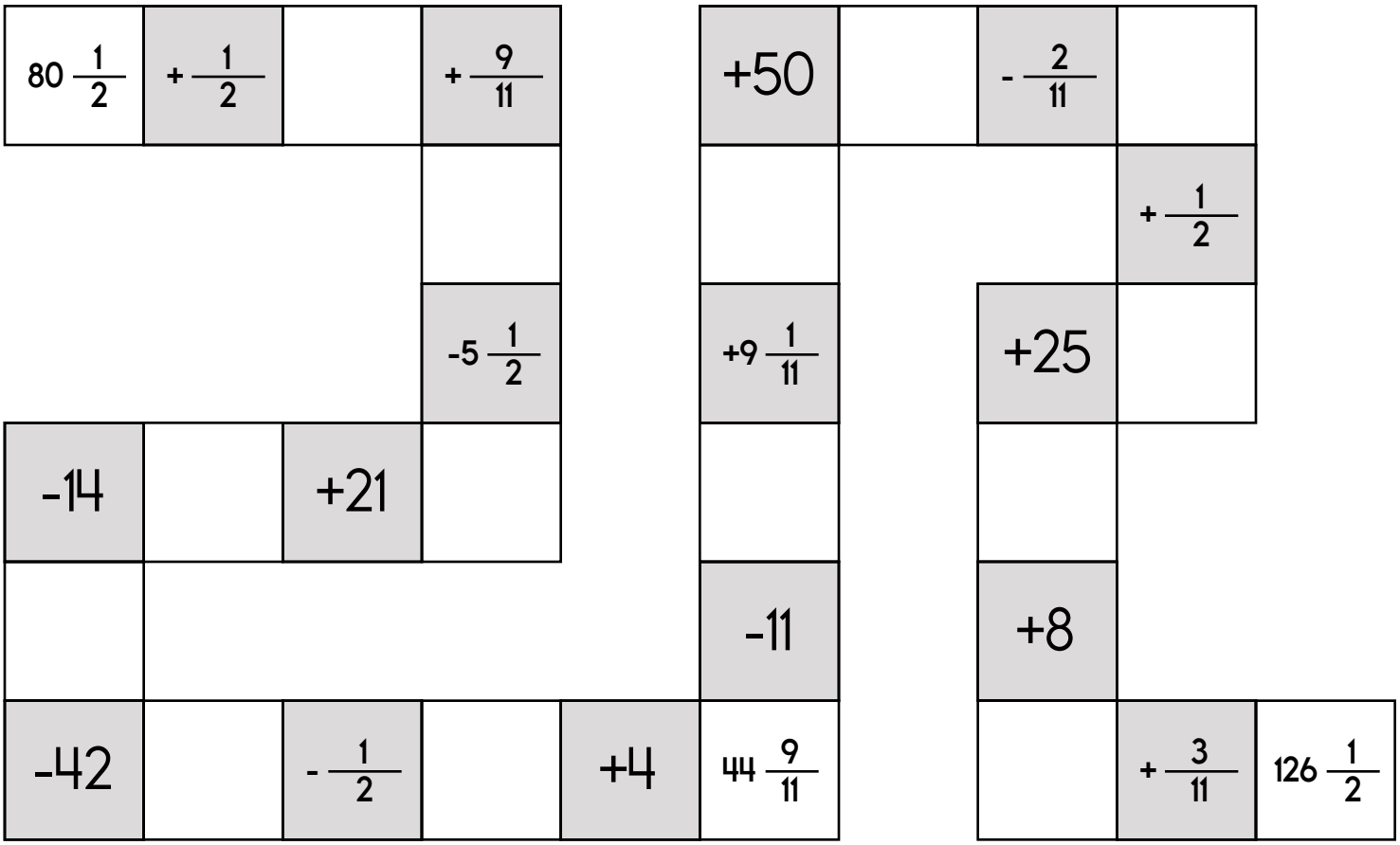
874,893
x 3

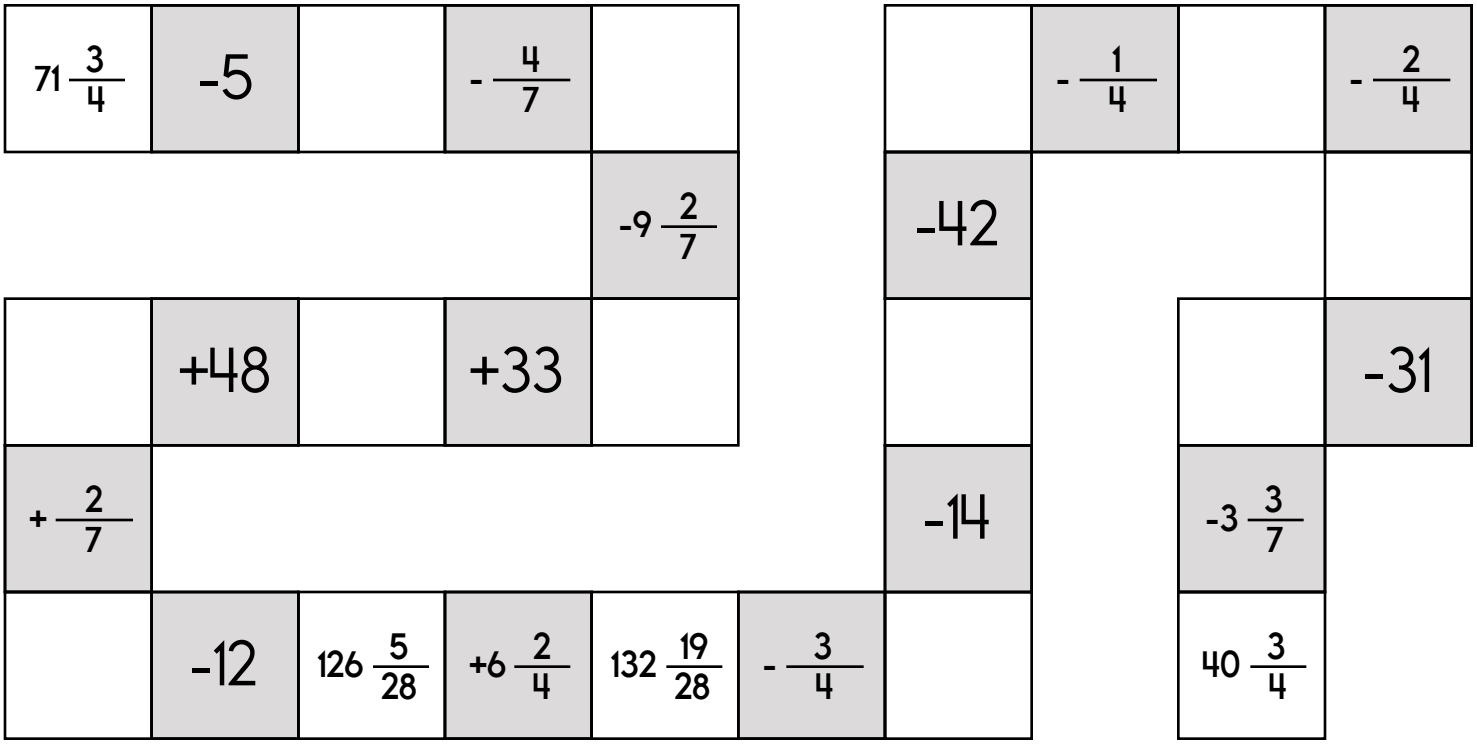
28,815
- 1,093

9,739
- 1,066

605 + 12 =

Name: _____

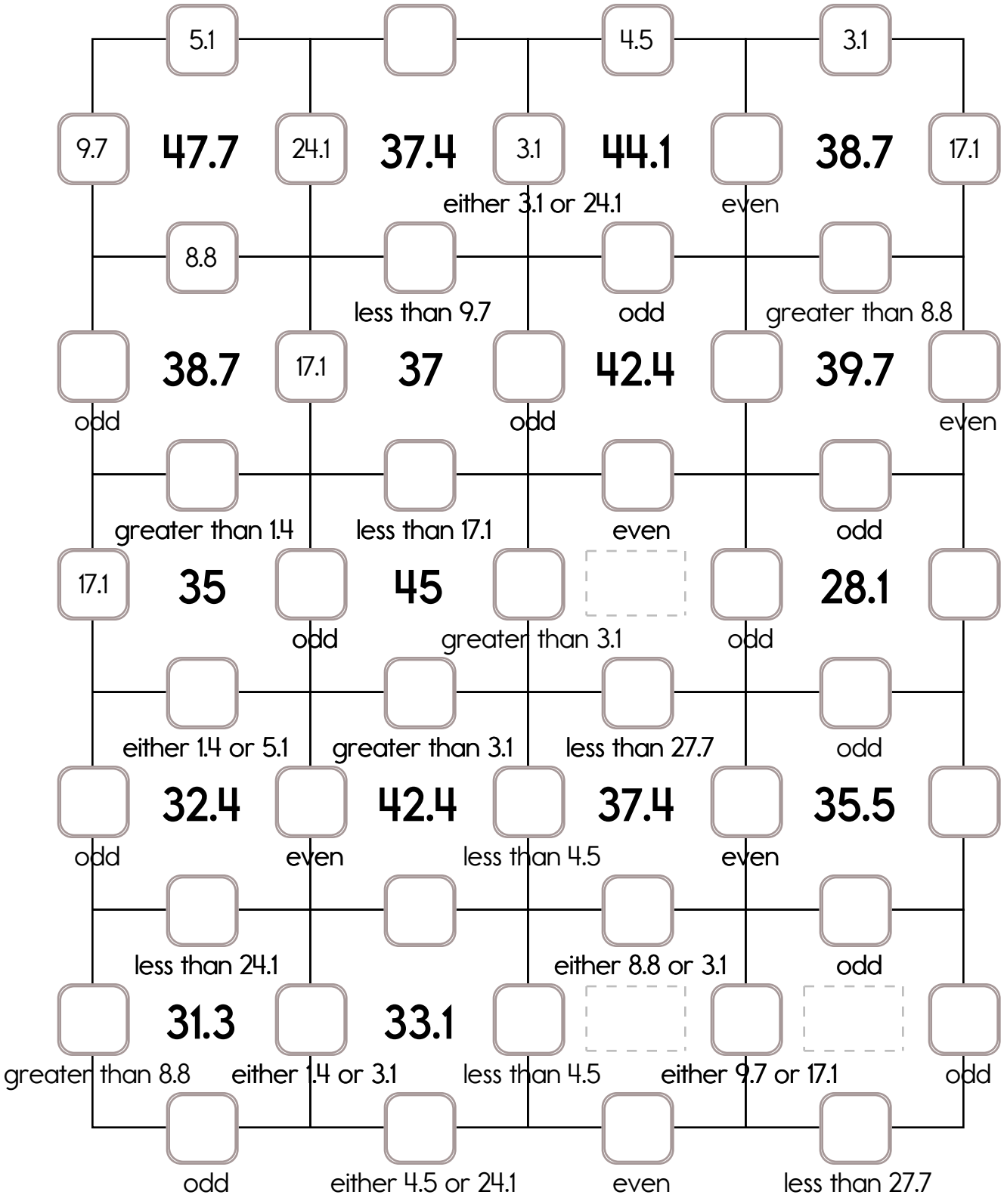

80 1/2
+ 1/2
+ 9/11
+50
- 2/11
+ 1/2
-5 1/2
+9 1/11
+25
-14
+21
-11
+8
-42
- 1/2
+4
44 9/11
+ 3/11
126 1/2


71 3/4
-5
- 4/7
- 1/4
- 2/4
-9 2/7
-42
+48
+33
-31
+ 2/7
-14
-3 3/7
-12
126 5/28
+6 2/4
132 19/28
- 3/4
40 3/4

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: 24.1, 27.7, or 17.1. The other three numbers have to all be DIFFERENT and must be from these: 9.7, 5.1, 1.4, 4.5, 3.1, or 8.8.



Name: _____

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

$$\begin{array}{r} 49 \\ -\ 12 \\ \hline \end{array}$$

$4 \div 2 =$ _____

Rewrite these in increasing order of length:

909 m, 482 km, 39 cm, 232 mm

$$\begin{array}{r} 253 \\ +\ 336 \\ \hline \end{array}$$

$10 \times 4 =$

$120 \div 10 =$

Amy rolls a die. What is the chance of her rolling a 3?

_____

$$\begin{array}{r} 30 \\ +\ 32 \\ \hline \end{array}$$

Rose rolls two dice. What is the chance of her rolling a 3 on one die and a 6 on the other die?

_____

What number is halfway between 13 and 21?

_____

$$\begin{array}{r} 695 \\ -\ 548 \\ \hline \end{array}$$

Circle the greatest number:

49,516,032 7,850

796,342,181,580 2,346,797

22 kg = _____ g

$12 \times 2 =$ _____

Name: _____

235 + 528 = _____

1 km = 1,000 m

9 km = _____ m

63 ÷ 9 =

Justin took three numbers greater than 1 and multiplied them. One number was four and the other number was eleven. Of course, he forgot the last number, but he remembered the product was 107. Is this possible?

45 ÷ 5 = _____

11 x 12 = _____

4 x 5 = _____

How many grams are in 9 kilograms?

_____ grams

Four toys cost $8. At that rate, what is the cost of 12 toys?

(6 + 9) + 8 =

90 ÷ 10 = _____

96 ÷ 12 =

Pick a month. Can you make up a calendar for your month with four Thursdays? Show your calendar below:

8 x 6 = _____

3 x 6 = _____

12 x 7 = _____

385 + 468 = _____

Name: _____

Sudoku Sums of 8

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 8.

Here is an example of a sudoku sum of 8: | 1 | 7 |

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

1,279 + 6,536 = _____

983 - 286 = _____

Circle the digit in the tenths place.

15.55

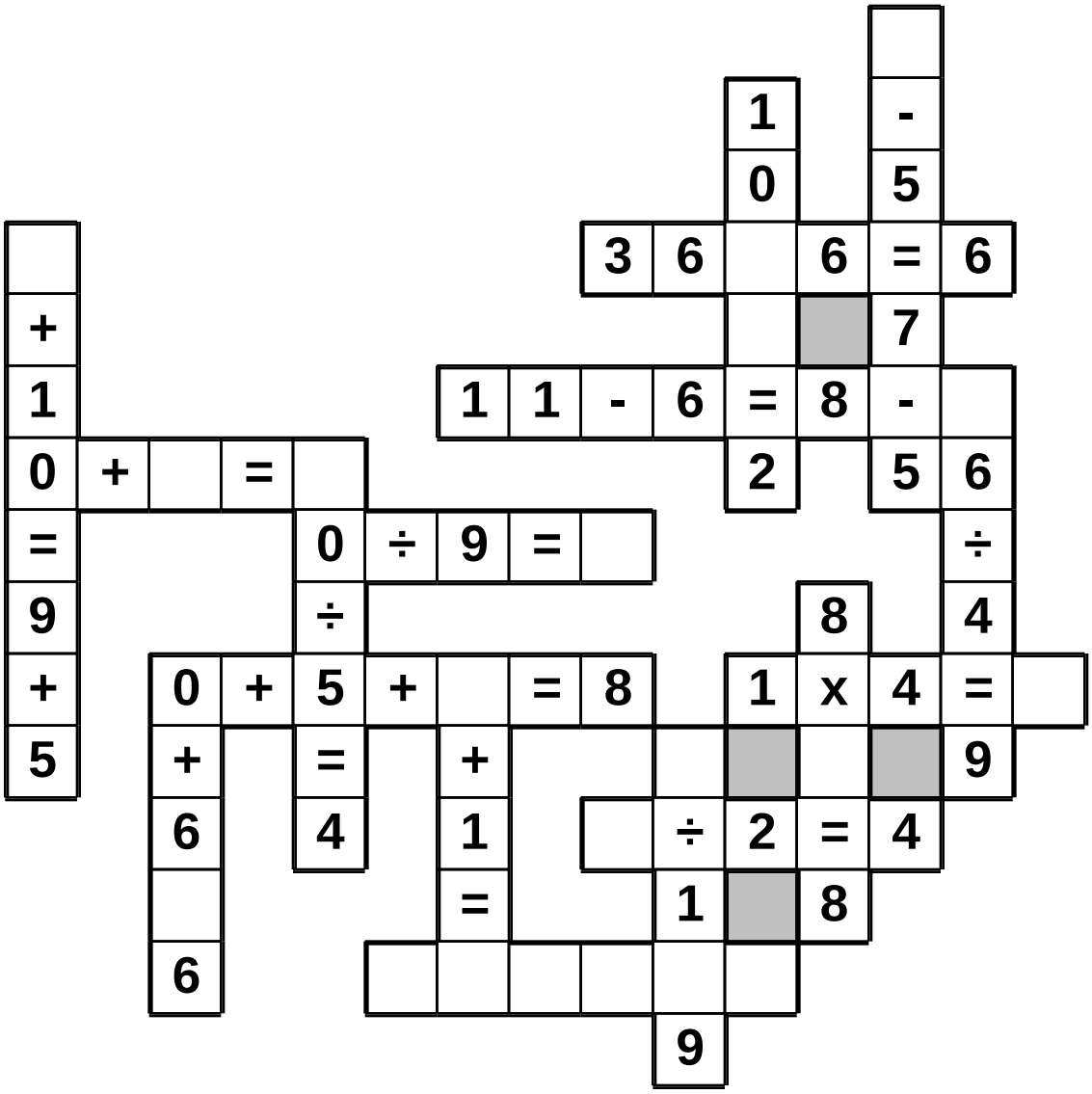
6 x 10 = _____

9 x 5 =

Name: _____

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

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



32 ÷ 8 = _____

What time is 15 hours after 1:00 p.m.?

_____

9 x 10 = _____

Name: _____

There are four boxes (a black box, a green box, a pink box, and a yellow box). Each box has a different length (41 cm, 33 cm, 30 cm, and 57 cm), a different width (15 cm, 10 cm, 12 cm, and 8 cm), and a different height (92 cm, 76 cm, 41 cm, and 81 cm).

Figure out the length, width, height, and volume for each box.

1. If the length of the green box was increased by 6 cm, the volume of the green box would increase by 8,280 cubic centimeters.
2. The volume of the black box is 51,984 cubic centimeters.
3. The length of the yellow box is 0.33 meters.
4. The green box has the smallest length.
5. The volume of the pink box is 13,448 cubic centimeters.
6. One box has a width of 10 cm and a height of 81 cm.
7. The green box has the largest height.

black box: length =_____, width= _____, height = _____, and volume = _____

green box: length =_____, width= _____, height = _____, and volume = _____

pink box: length =_____, width= _____, height = _____, and volume = _____

yellow box: length =_____, width= _____, height = _____, and volume = _____

Circle the smallest number:
75,239
20,917,485,632
719,863,450
6,184

24 ÷ 6 = _____

44 ÷ 11 = _____

77,969 - 18,898 = _____

9 x 5 = _____

Name: _____

$15 \div ___ = 5$

What is the missing number?

$132 \div N = 11$

What is the value of N?

$25m = 950$

$___ \div 6 = 5$

What is the missing number?

$N \div 9 = 8$

What is the value of N?

$\frac{110}{N} = 10$

$575 = 23m$

$\frac{N}{7} = 3$

$\frac{N}{32} = 49$

$12m = 84$

$6m = 12$

Name: _____

$10\overline{)80}$ $11\overline{)110}$ $10\overline{)40}$ $8\overline{)32}$

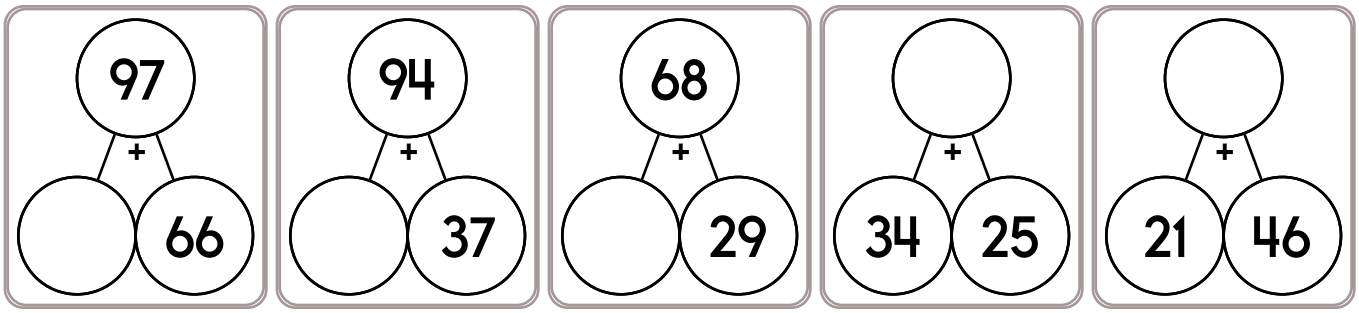
$11\overline{)22}$ $6\overline{)12}$ $11\overline{)44}$ $12\overline{)108}$

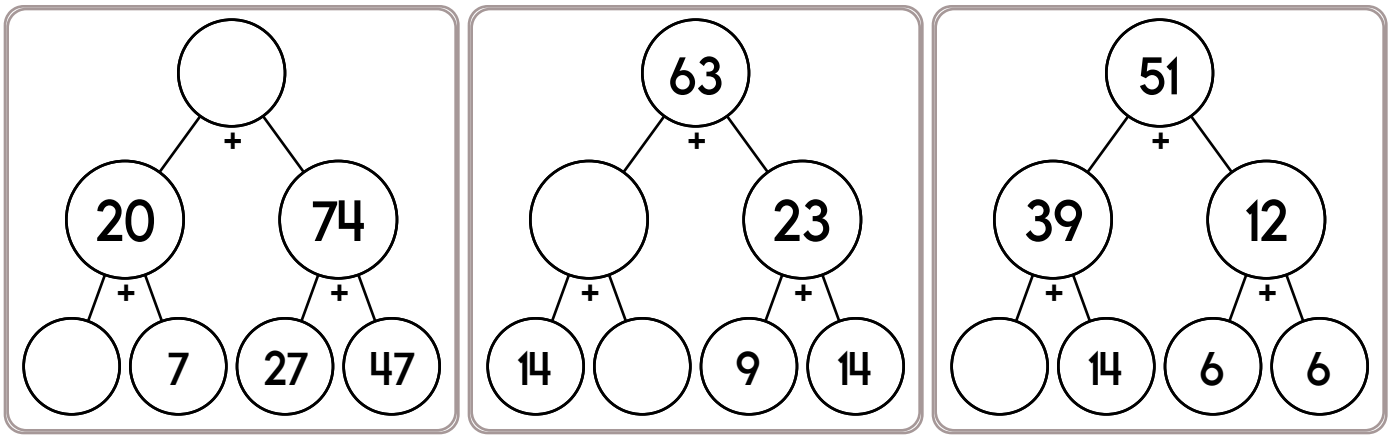
____ - 35 = 868	498 - ____ = 406
____ - 91 = 813	623 - ____ = 593
____ - 65 = 361	822 - ____ = 785
____ - 61 = 799	544 - ____ = 525

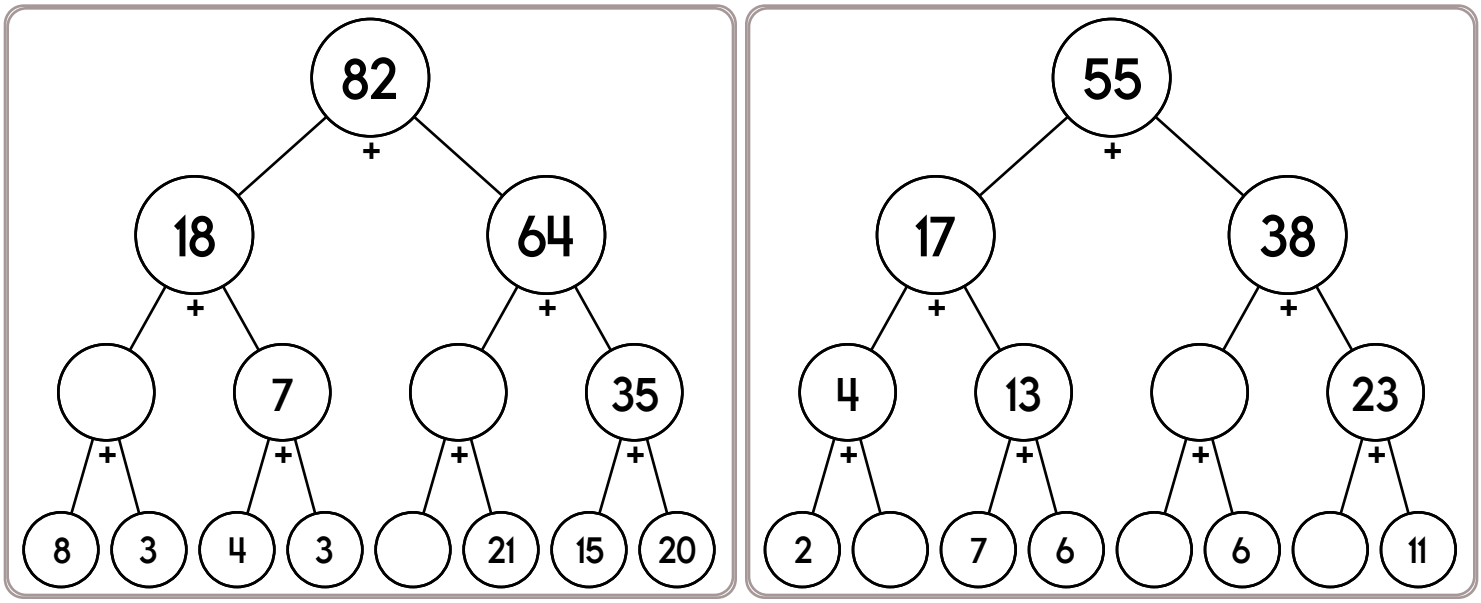
406 ÷ 7 =	24 ÷ 12 =
232 ÷ 29 =	516 ÷ 6 =
268 ÷ 67 =	260 ÷ 52 =
348 ÷ 4 =	90 ÷ 10 =

378	866	152	222	652
- 28	- 72	- 69	- 25	- 89

Name: _____





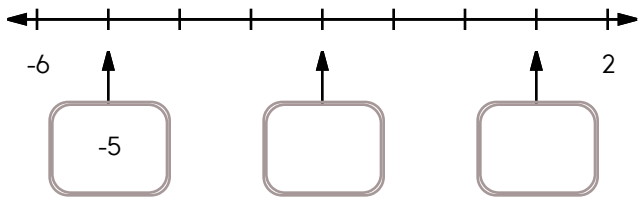


$$9 - 3\frac{5}{7} = \underline{\qquad}$$

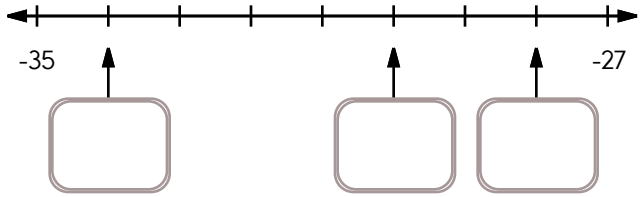
$$\frac{1}{11} + \frac{2}{11} + \frac{10}{11} = \underline{\qquad}$$

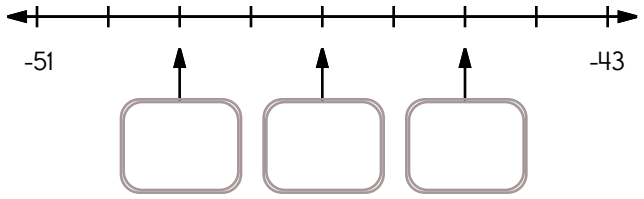
Reduce $\frac{32}{52}$ to its lowest terms.

Name: _____



Fill in the missing values to complete each number line.





Write a positive or negative number for each.

7 °C below zero

8 °C above zero

13 °C below zero

You had 31 points in a game and then you won 38 points. How many points do you have?

Write the opposite of each number.

27	-18	-276
1,525	1,875	-737

Complete each inequality using >, =, or <.

4 ◯ -5 -6 ◯ -11

83.2 ◯ 22.2 -29.6 ◯ -49.5

-88.1 ◯ 76.6 10.4 ◯ -91.1

Write the largest number.

-1.76, -320.2, 6, -153, 213, 872, 115.58, -906, -8.2, -3.03, -2, 343, -486, -296

Write the smallest number.

-335, 794.03, 0, 391, 698, 2.08, 639, -7, 585.6, 8.8, 378, -969, 460, 685.96

Write the smallest number.

1, 7.01, 788.07, 868, -461, -762.93, 505, -415, -8, -264, -283.4, -377, 730.9, -253.28

Name: _____

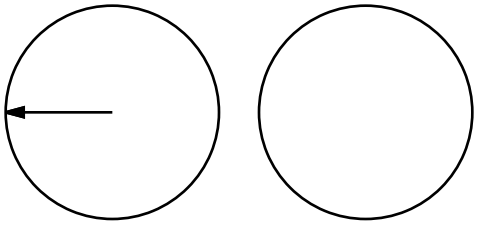
Here is a chart on turns to help you answer the questions.

A $\frac{1}{4}$ turn is 90°. A $\frac{1}{2}$ turn is 180°. A $\frac{3}{4}$ turn is 270°.

A full turn is 360°.

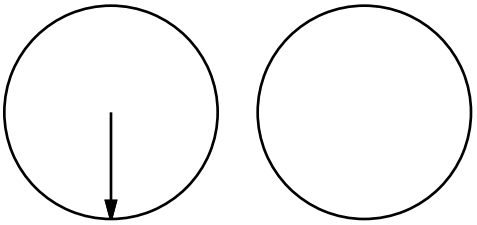
From the start position the pointer turns $\frac{3}{4}$ clockwise. Draw the arrow for the end position.

Start: End:



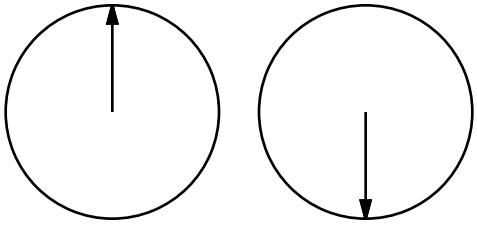
From the start position the pointer turns $\frac{3}{4}$ clockwise. Draw the arrow for the end position.

Start: End:



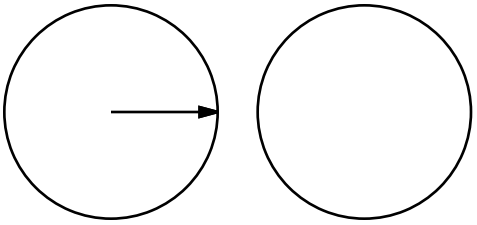
The start and end positions are shown. Explain the turn that was made.

Start: End:



From the start position the pointer turns 180° clockwise. Draw the arrow for the end position.

Start: End:



An angle that is 316 degrees is

between a ☐-turn and a ☐-turn.

Two right angles equals a ☐-turn.

Emily is playing a game. She stands in the middle of a circle.

At the start of the game she faces west.

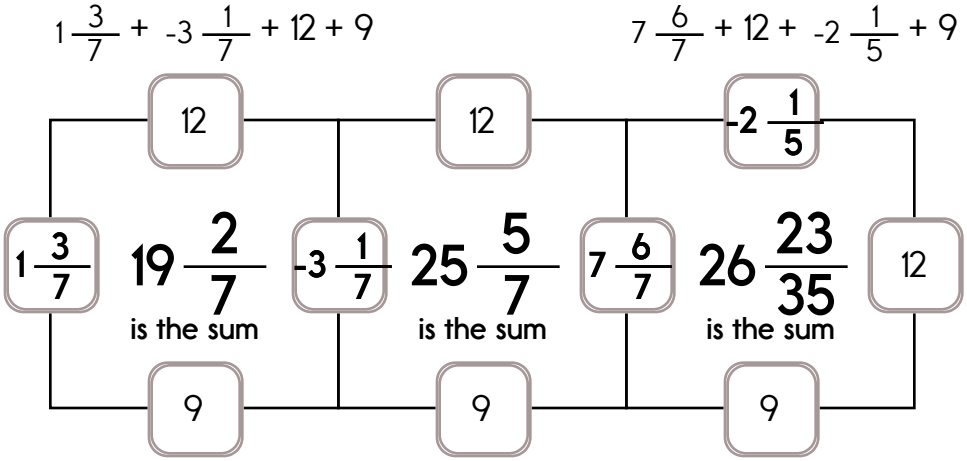
Then she makes a $\frac{1}{4}$-turn counterclockwise.

In which direction is she now facing?

Name: _____

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

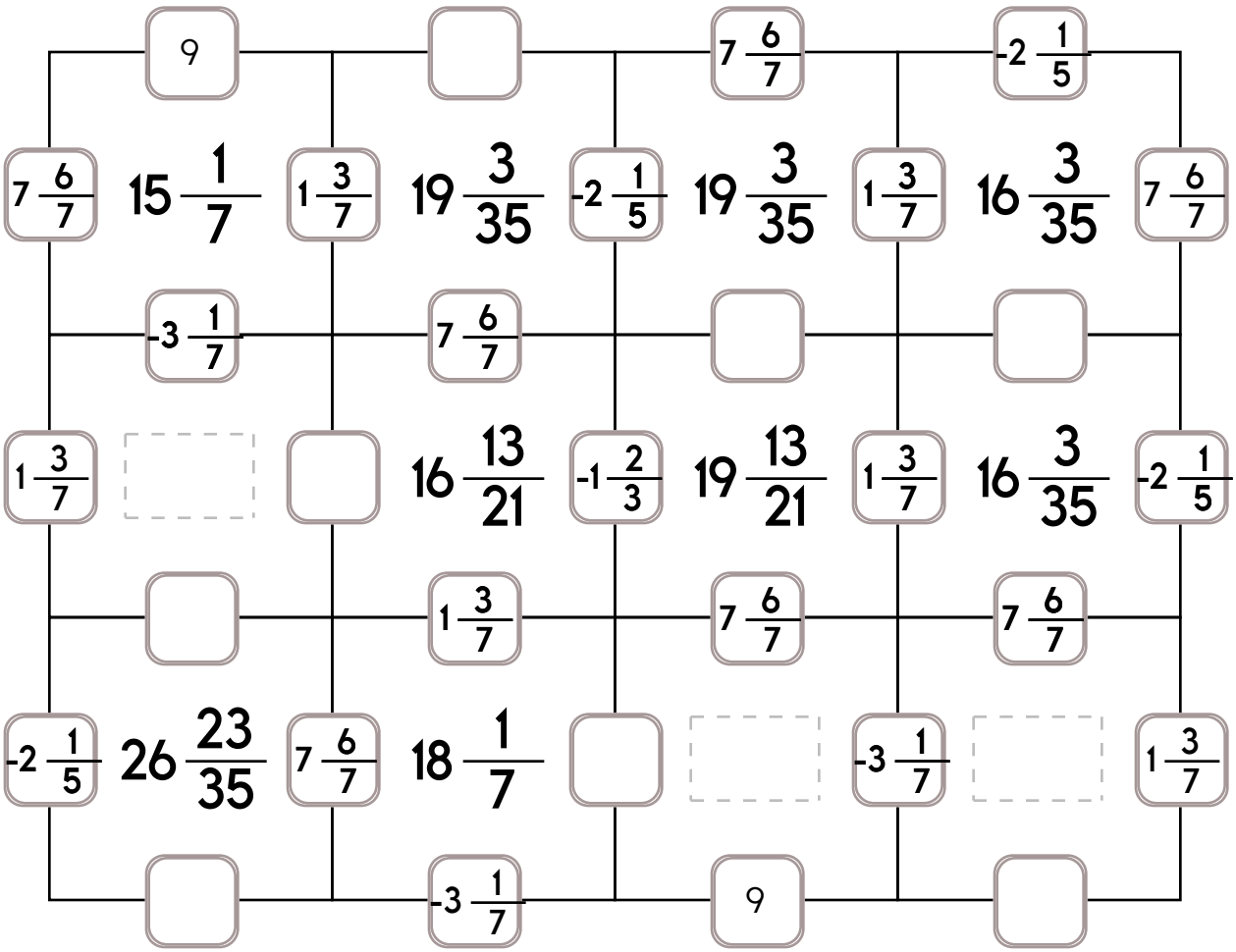
Sample:



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

The other three numbers have to all be DIFFERENT and must be from these: 9, $7\frac{6}{7}$, $1\frac{3}{7}$, or 12.

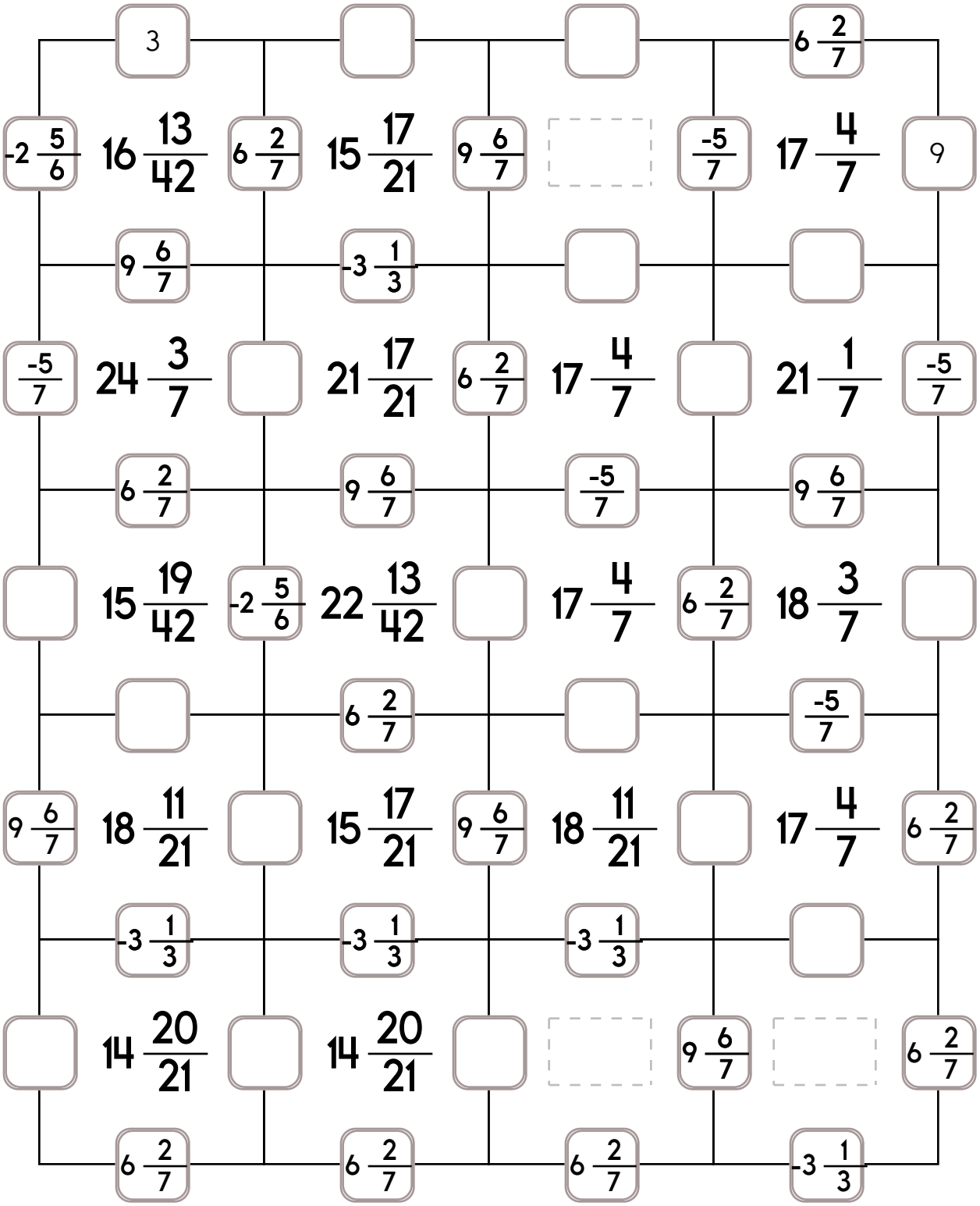


Name: _____

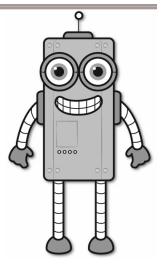
Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

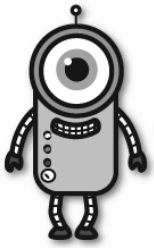
Exactly one of the four numbers has to be one of these numbers: $\frac{-5}{7}$, $-3\frac{1}{3}$, or $-2\frac{5}{6}$.

The other three numbers have to all be DIFFERENT and must be from these: $6\frac{2}{7}$, 3, $9\frac{6}{7}$, or 9.

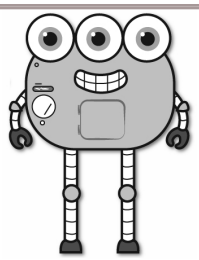


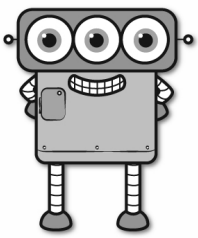
Name: _____

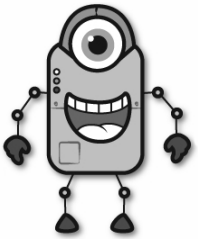

Hunter


Megan

Jason


Amanda


Jack


Anne

Facts

Megan is nineteen years older than Hunter.

Jack is seven years older than Megan.

Amanda is sixty-three years older than Jason.

Hunter is seven years old.

Anne is thirty years older than Jason.

Jason is four years older than Hunter.

How old is Hunter? _____

How old is Megan? _____

How old is Jason? _____

How old is Amanda? _____

How old is Jack? _____

How old is Anne? _____

In the number 1,936,514, the digit 3 is in what place? _____	10 x 9 =

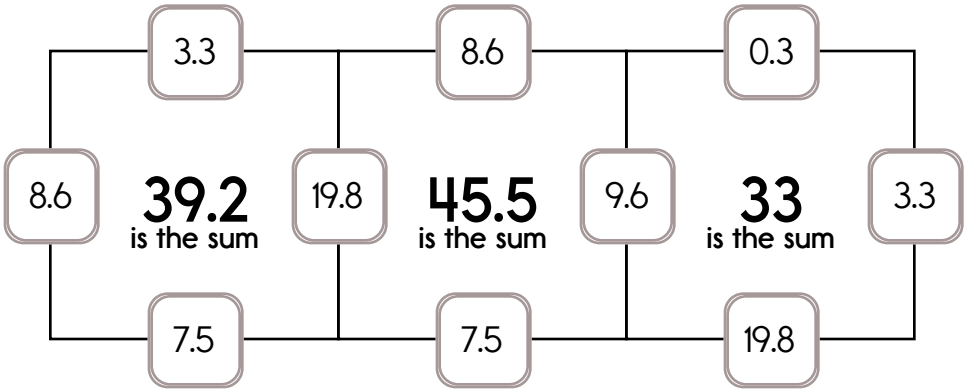
Name: _____

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

Example:
8.6 + 19.8 + 3.3 + 7.5 = 39.2

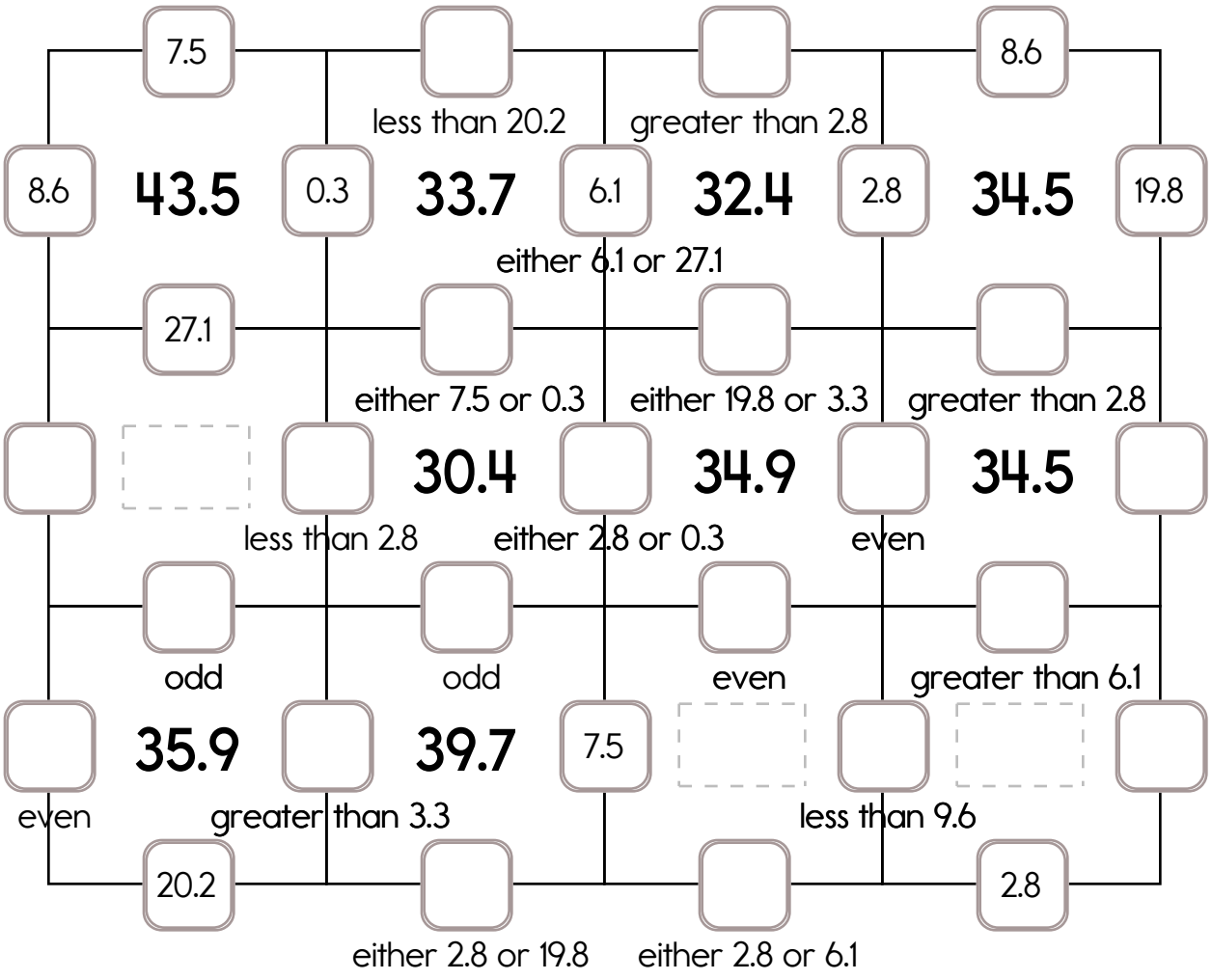
Example:
9.6 + 3.3 + 0.3 + 19.8 = 33

Sample:



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

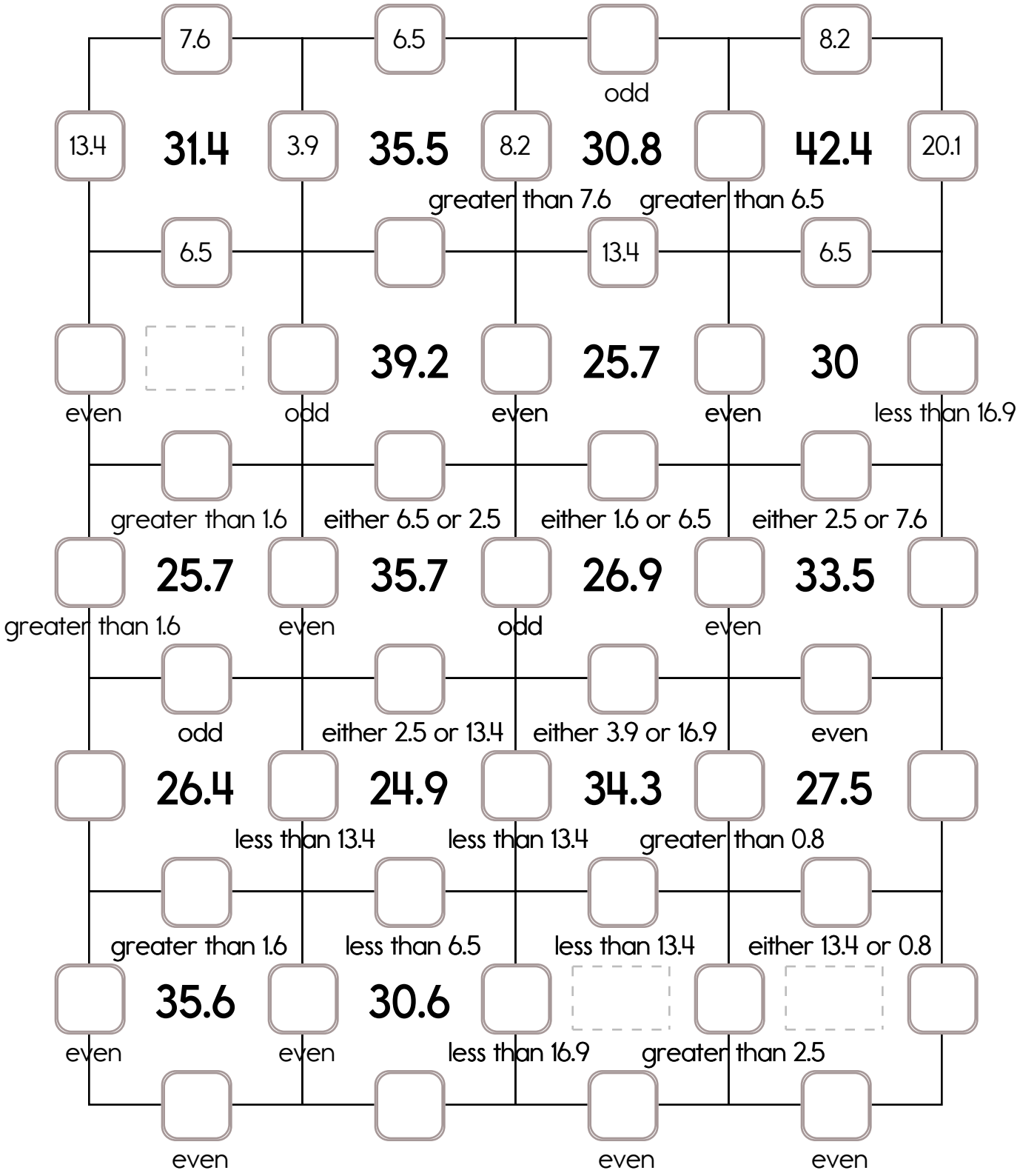
Exactly one of the four numbers has to be one of these numbers: 27.1, 20.2, or 19.8. The other three numbers have to all be DIFFERENT and must be from these: 6.1, 0.3, 7.5, 9.6, 2.8, 3.3, or 8.6.



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: 16.9, 20.1, or 13.4. The other three numbers have to all be DIFFERENT and must be from these: 6.5, 7.6, 3.9, 8.2, 0.8, 1.6, or 2.5.



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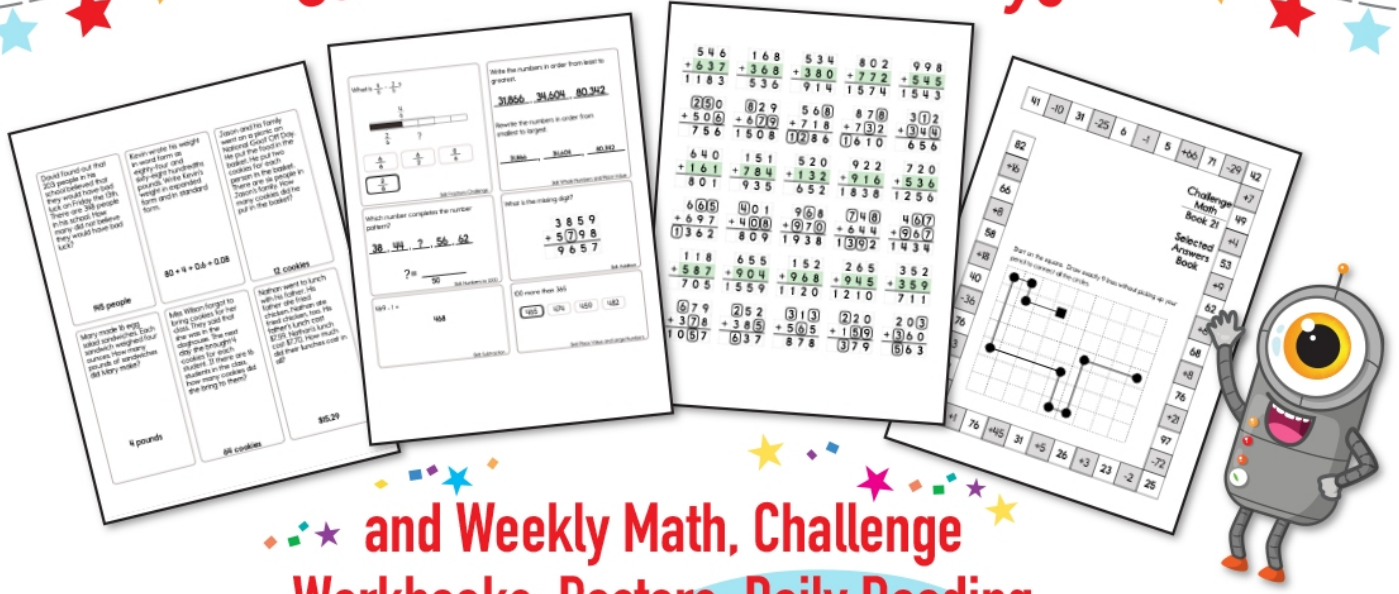

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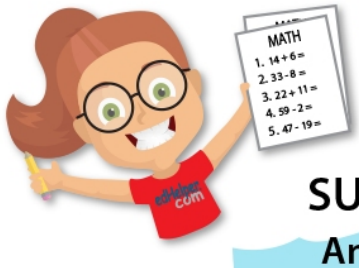

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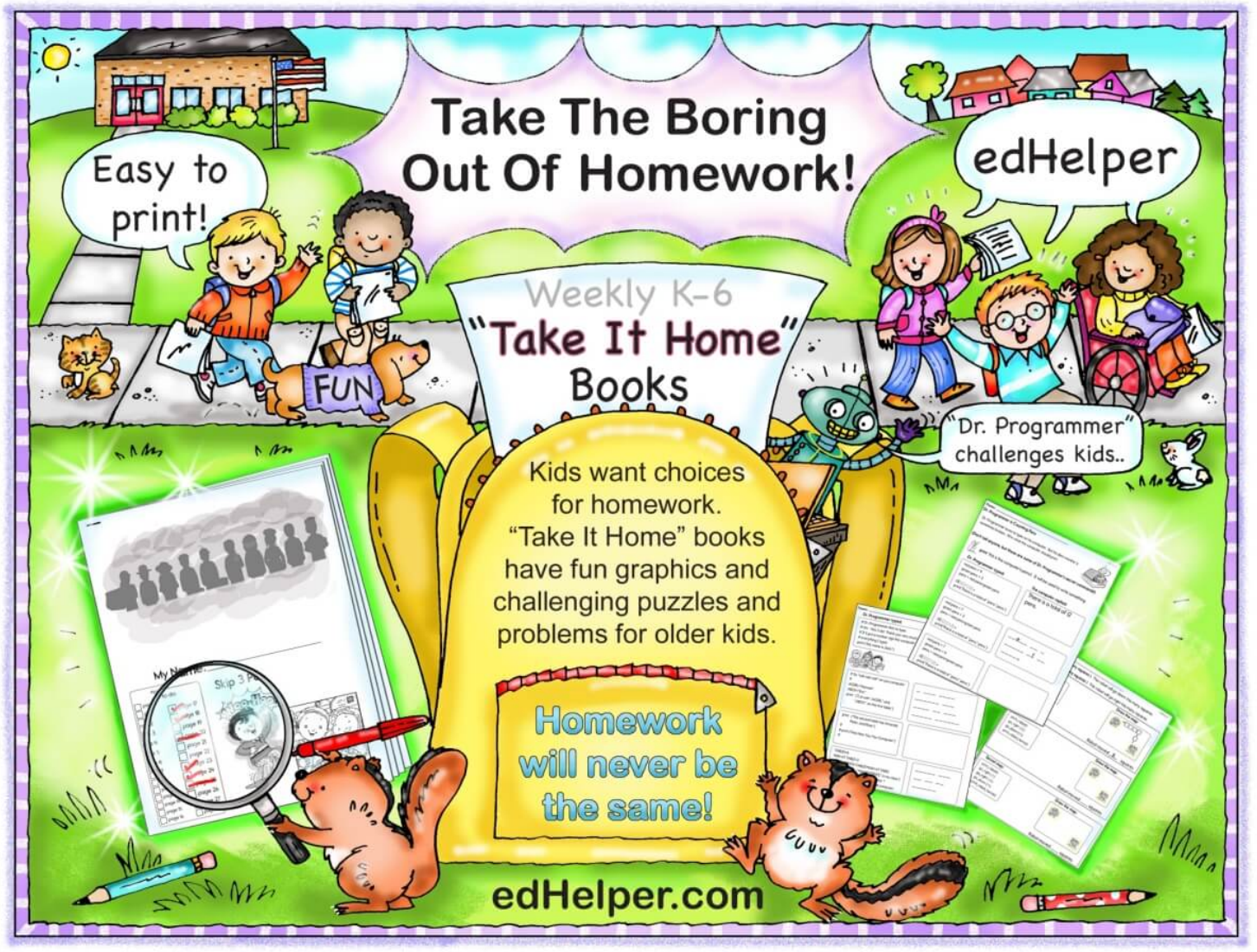
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