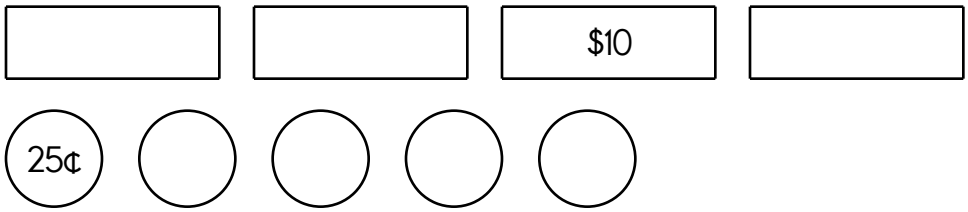
Name: _____

Make change. You can use $20, $10, $5, $1, 25¢, 10¢, 5¢, or 1¢.

Use the fewest bills and coins to make $51.53.



Use the fewest bills and coins to make $57.53.

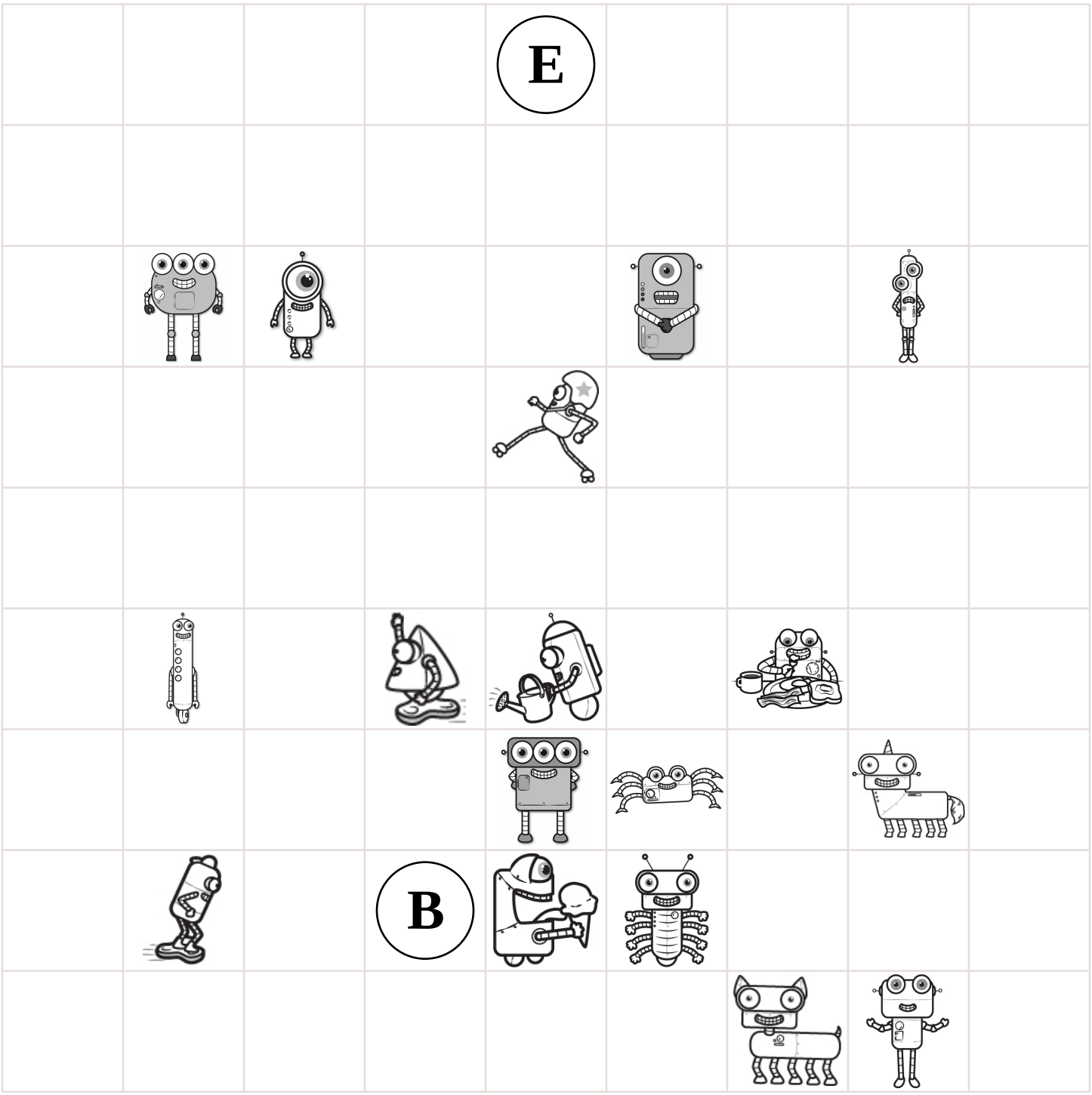
Use the fewest bills and coins to make $34.38.

Use the fewest bills and coins to make $26.35.

word root **phos** can mean **light** **phosphorus, phosphorescent**

Name: _____

Pick up all of the robots from the game board. 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 robot or the E circle. No stopping on an empty box.** Try to collect all the robots and end your last line on the **E** circle. You can go through a robot more than once.



Didn't get them all? That's ok. This was hard. I missed only _____ robot/robots.

Name: _____

On No Socks Day 32/70 fifth grade students did not wear socks to school. Write the fraction in simplest form.

Amy made 3 kites. Nathan made 5 kites. Maria made twice as many kites as the total that Amy and Nathan made. How many kites did Maria make?

What is $\frac{2}{3}$ of 72? Show your work.

Mr. Anderson replaced one of the bulbs in the classroom with a 60-watt bulb that is supposed to last 13,500 hours. The bulb will be used 6 hours each day school is in session. In how many school days will this bulb need to be replaced again?

word root **con** can mean **together or with** **construct, contort, convincible**

Name: _____

$12 - \frac{1}{2} =$

$7 + \frac{6}{7} - \frac{1}{5} =$

Write the reciprocal.
7

$16 - \frac{1}{3} + \frac{4}{7} =$

Reduce $\frac{56}{64}$ to its lowest terms.

Write the reciprocal.

$\frac{10}{20}$

$$2\frac{4}{7}$$
$$-\ 1\frac{6}{7}$$

$$\frac{4}{9}$$
$$\frac{3}{9}$$
$$+\ \frac{6}{9}$$

$4\frac{1}{2} \times 1\frac{5}{6} =$

$$2\frac{6}{8}$$
$$6\frac{7}{8}$$
$$+\ 8\frac{7}{8}$$

$$18\frac{3}{5}$$
$$-\ 3$$

$$\frac{4}{5}$$
$$-\ \frac{1}{6}$$

Name: _____

Alex started his homework at 3:18 p.m. He worked for 41 minutes. What time did he finish?

The ugly old witch wanted a new mirror. Her old mirror was too small. After all, she thought she was so pretty. She wanted a mirror that was at least 6.5 feet long and 5 feet wide! What will the area of the new mirror be?

Megan made some peanut butter brownies. It took her 22 minutes to get everything mixed and ready to go in the oven. The brownies had to bake for 23 minutes. She started making the brownies at 3:41 p.m. What time did the brownies come out of the oven?

72 ÷ 6 =

$$\begin{array}{r} 36 \\ +\ 30 \\ \hline \end{array}$$

Wendy wrote down a fraction on a piece of paper. If you take her fraction and multiply it by five you get thirteen. Can you guess what her fraction is?

28 cm = _____ mm

$$\begin{array}{r} 327 \\ +\ 244 \\ \hline \end{array}$$

Anne multiplied two one-digit numbers and then added 117. The result was 157. Emma does not believe her and thinks Anne made a mistake. Who is correct?

3 x 6 =

$$\begin{array}{r} 86 \\ -\ 72 \\ \hline \end{array}$$

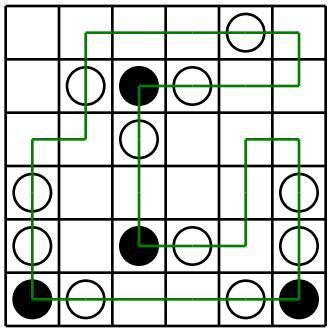
1 km = 1,000 m

24 km = _____ m

40 ÷ 10 =

4 x 8 =

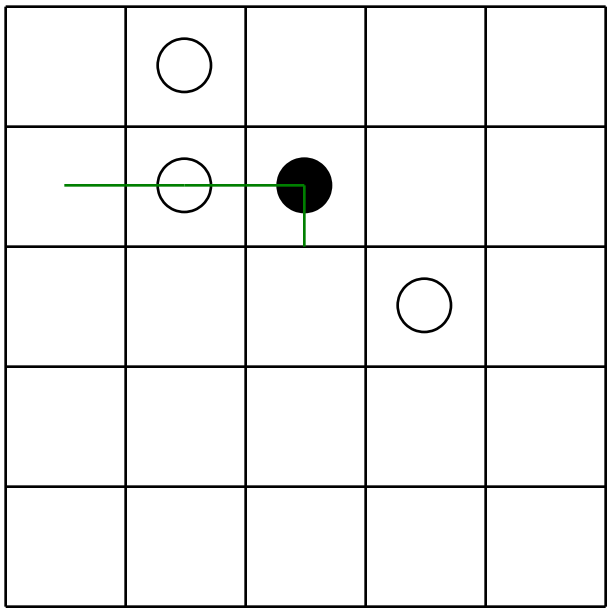
Name: _____



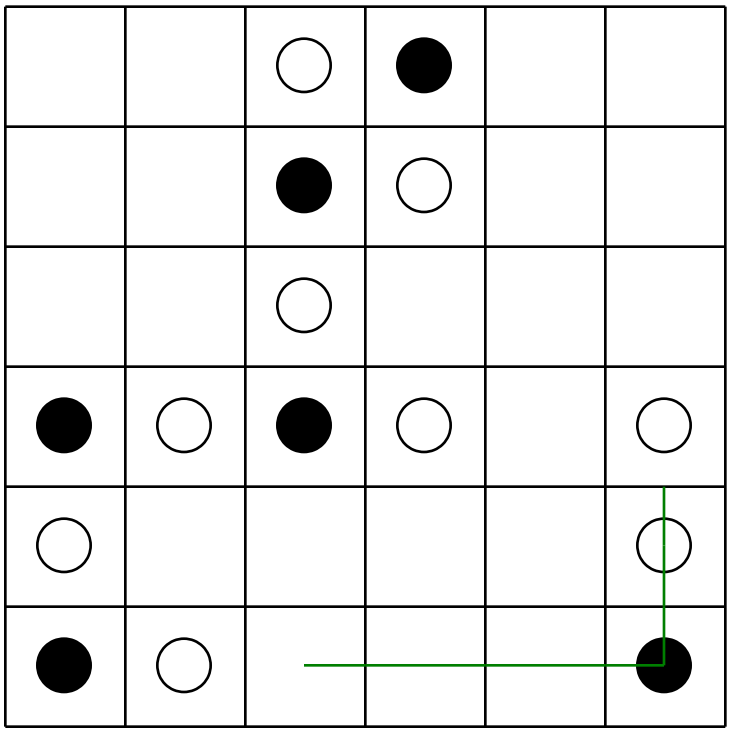
Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

The puzzle on the left shows a correct line going through all the circles.

Finish the line:



Finish the line:



(6 + 4) + 9 =

How many kilograms are in 8,000 grams?

_____ kilograms

$$\begin{array}{r} 899 \\ -\ 535 \\ \hline \end{array}$$

Write 3,019 in words.

_____

Write a synonym for this word.
diverge

_____

Name: _____

Rose wrote that 52 divided by 6 has a remainder of 4. For her homework, she needs to find four other numbers that when divided by 6 will have a remainder of 4. Help her with her homework.

Can 939 be evenly divided by 3? Circle:

939 is evenly divisible by 3

939 is NOT evenly divisible by 3

Rosa multiplied two one-digit numbers and then added 112. The result was 196. Amanda does not believe her and thinks Rosa made a mistake. Who is correct?

Circle the smallest number:

9,173 1,024,571,806

20,685,456 278,394

Circle the answer that best completes the sentence.

Jen (should/could) stay away from dangerous dogs.

In the number 97,545,466,588, the digit 9 is in what place?

_____

Write an equation to represent this:

The product of twelve and ten is one hundred twenty.

_____

Anna wants Wendy to guess a three digit number. She tells Wendy that her number has three different digits. The digits are 6, 1, and 7. Wendy thinks. She then guesses the number 176. What are the chances that Wendy has guessed correctly?

Name: _____

4 • 6 • 1 • 8 • = • 0 • 9 • 1 • x • 7 • = • 7 • 1 • 2 • 6 • x • 1 5 • 7 • =

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

						1		÷	2	=	7			
											x			
		3				3	x		=					
3	6	÷	9		4				÷		=			
	÷		÷						2		7			
	6													
	=		=				3		3					
			1	1		0	=	0		÷				
		1			9		0			9				
2		0	x		=	0				=				
8		÷			9		5	6	÷	8	=	7		
÷														
	x	7	=	4	9									
			2											
4														

Sarah was given four numbers: 8, 13, 7, and 14. She needs to use two of these numbers to make a fraction. Can she make a fraction that is less than five-sixths?

3 x 5 =

48 ÷ 8 =

Name: _____

The school superintendent mixed up four students' attendance records (Sydney, Madison, Brianna, and Eric). The superintendent knows the number of days absent (12, 15, 8, and 17) and the number of days late for each student (12, 16, 4, and 8), but does not know how to match the number of days absent and late with each student.

Figure out how many days each student was late and absent.
The school was in session for two hundred fifty days.

1. The ratio of Sydney being late to the number of days the school is in session is 2 to 125.
2. The ratio of the number of days Brianna was late to the number of days Eric was late is 3:4.
3. The ratio of Brianna being late to the number of days the school is in session is 6 to 125.
4. The person that was absent twelve days, was late eight days.
5. The ratio of Eric being absent to being in school is 3 to 47.
6. The ratio of the number of absences by Madison to the number of absences by Sydney is 12:17.

Sydney was late _____ day(s) and absent _____ day(s).

Madison was late _____ day(s) and absent _____ day(s).

Brianna was late _____ day(s) and absent _____ day(s).

Eric was late _____ day(s) and absent _____ day(s).

Ten kids and two adults are going to the circus. Kid's tickets are on sale for only half the price of adult tickets. The total cost is $110. How much is one kids ticket? How much is one adult ticket?

For 685,756,231,880, write the digit that is in the ten thousands place.

_____

Name: _____

When Justin got married he was 30 years old. His sister was two-thirds his age plus 4 years. Their father was twice Justin's age plus 5 years. Justin's father was how many years older than his sister when he got married?

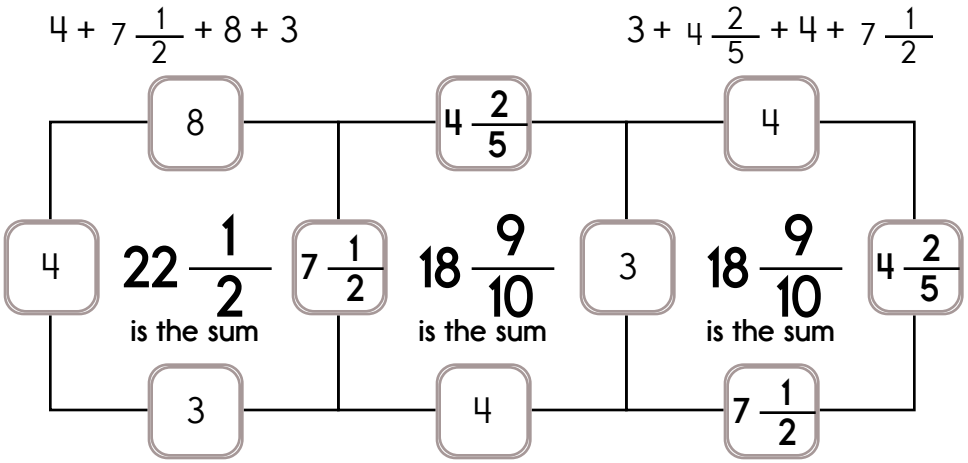
Kevin spent $10.72 for a cheese pizza and $1.35 for each of the two toppings. How much did he spend in all?

Emma was very happy. She had a new Chihuahua puppy. It was her responsibility to feed him. Her father told her the puppy would eat 1 !FS!^3^4!FE! of a small can of food each day. How much would the puppy eat in two weeks?

Name: _____

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

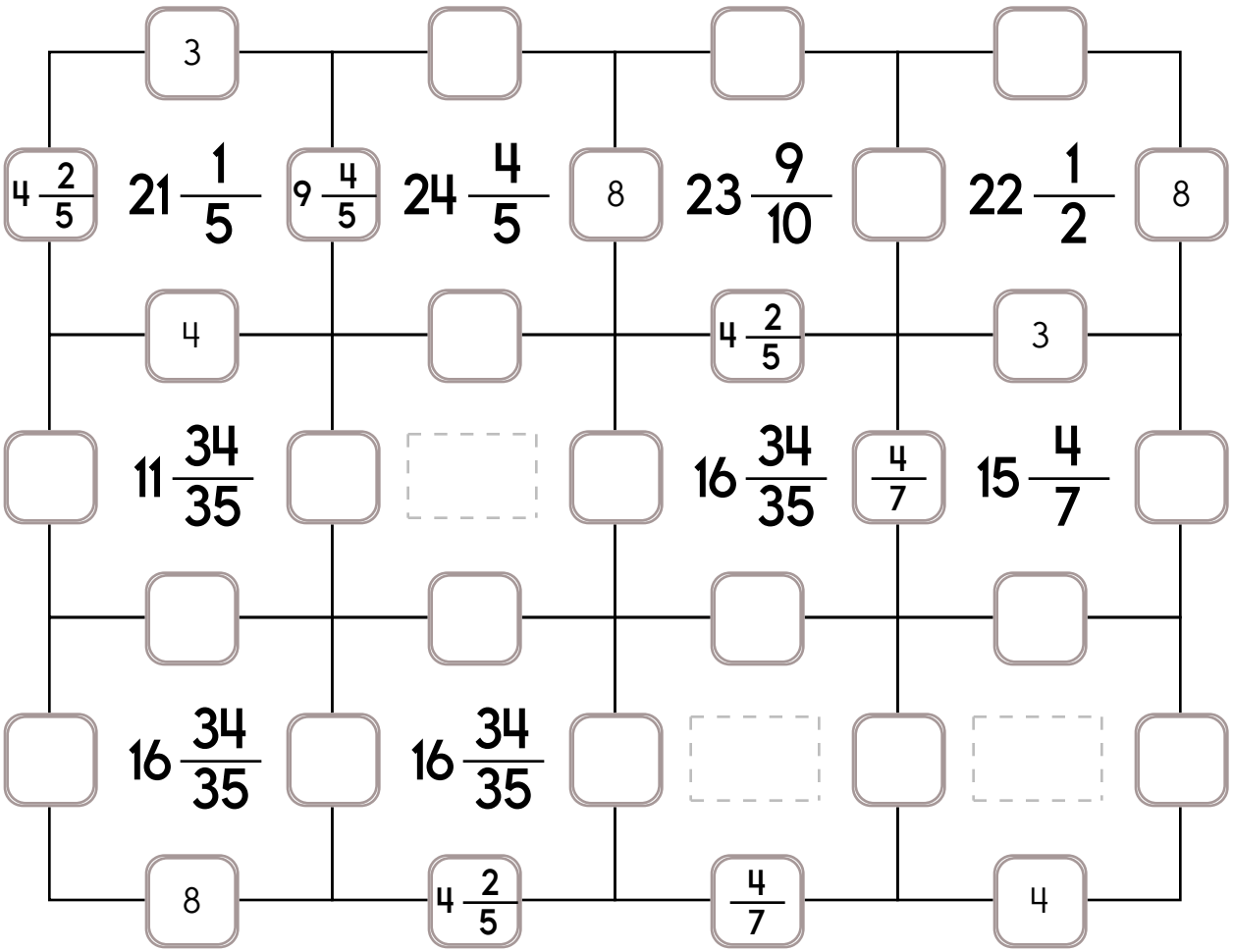
Sample:



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: $9\frac{4}{5}$, $7\frac{1}{2}$, or $\frac{4}{7}$.

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

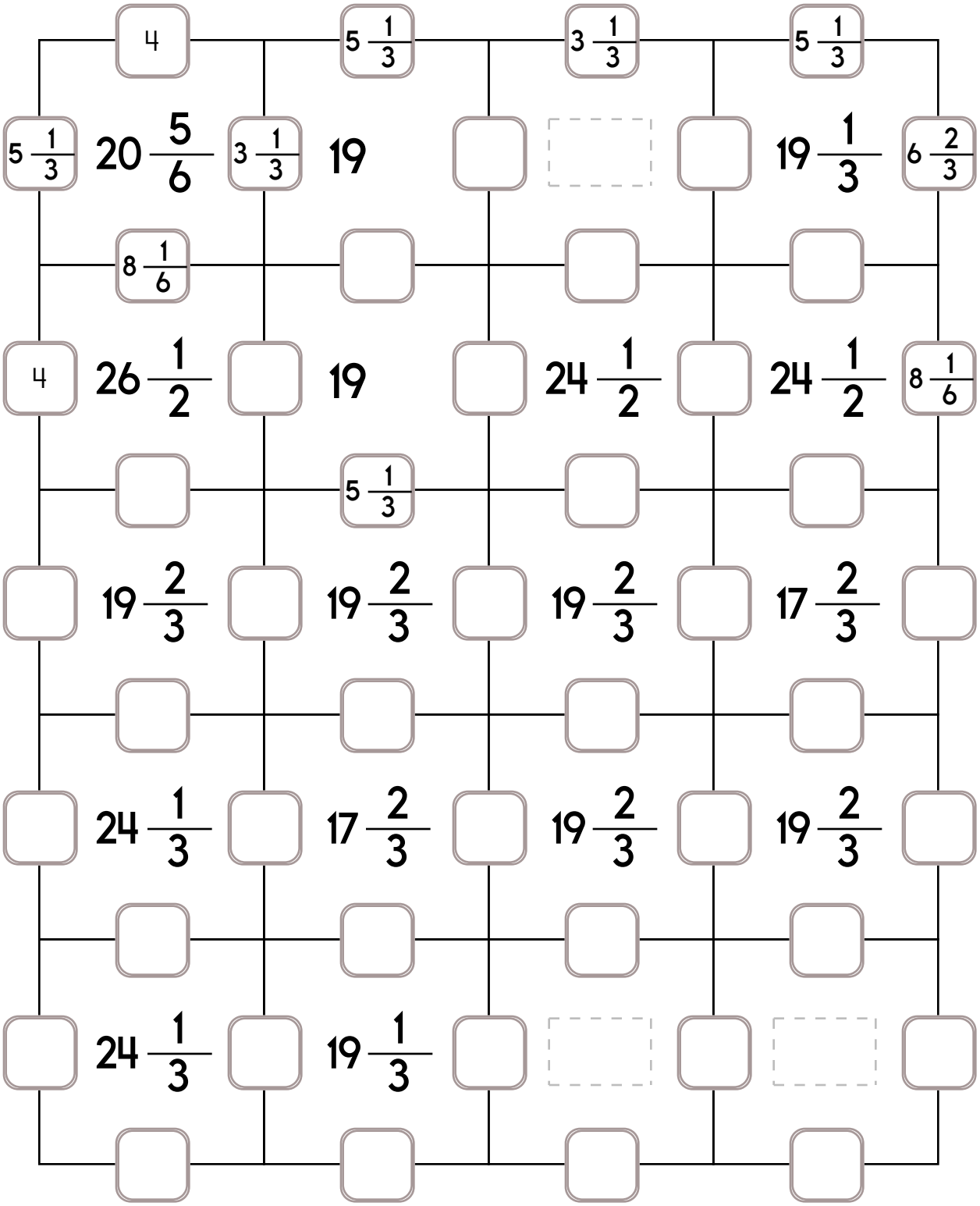


Name: _____

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: $1\frac{1}{3}$, $8\frac{1}{6}$, or $6\frac{2}{3}$.

The other three numbers have to all be DIFFERENT and must be from these: 4, $5\frac{1}{3}$, $3\frac{1}{3}$, or 9.



Name: _____

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

1.56	4	18.1	19.5	9.8
		37.6		
	213.96			

$8\frac{4}{10}$	$\frac{8}{10}$	5	
		$5\frac{7}{10}$	
	$26\frac{1}{2}$		

45.9		82	55
	109.4		

word root **sub** can mean **under** **submarine, subtract**

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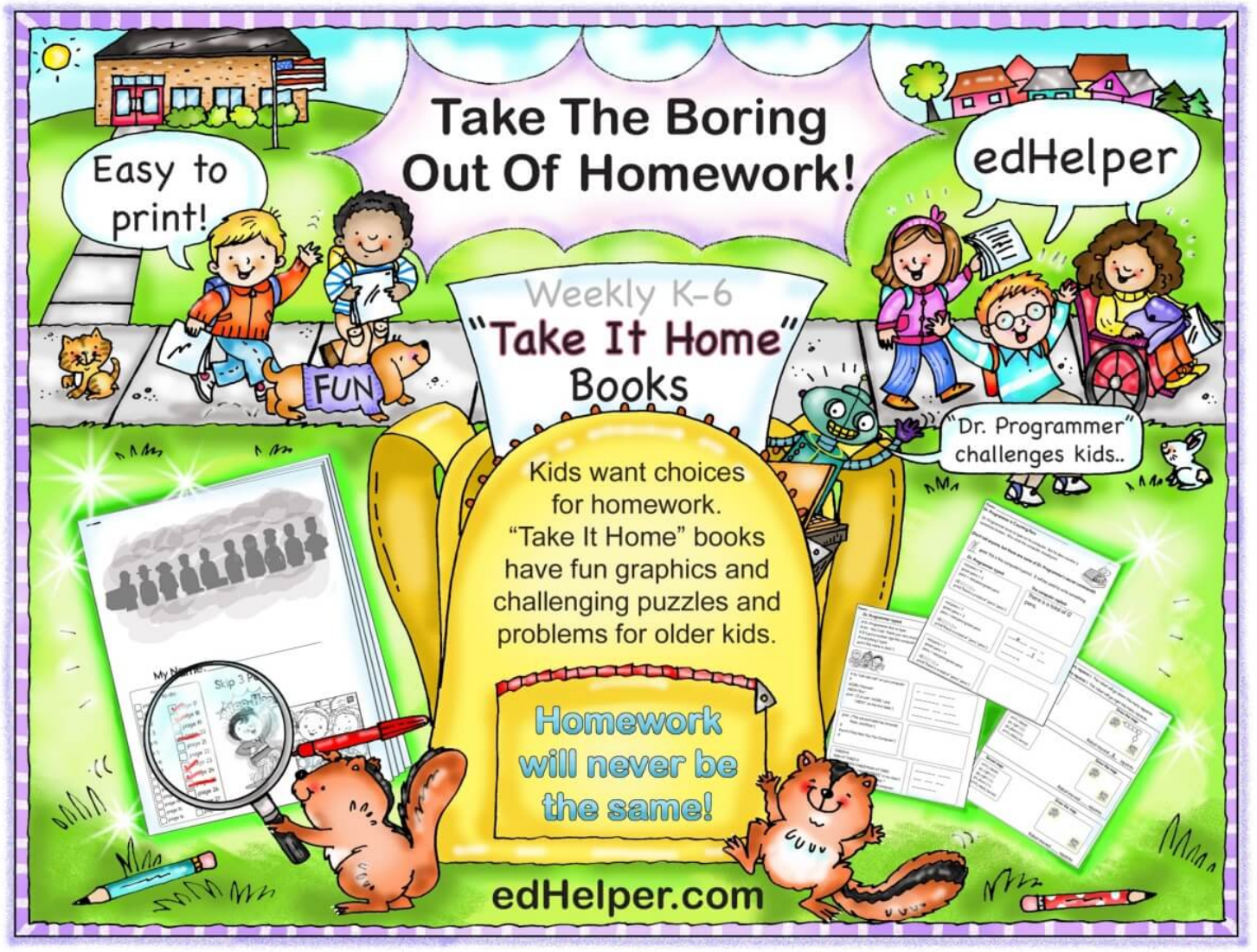
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