Name: _____

Complete each pattern. Write what the rule is. Hint: Look at movement of digits!

456863, 345686, 634568, 863456, 686345, 568634, 456863,

345686, 634568, 863456, 686345, 568634, _____, _____

8819, 9881, 1988, 8198, 8819, _____, 1988,

8198, 8819, _____, _____, 8198, 8819, 9881

Find the missing numbers. These both have the same rule. What is the rule?

If

1 , 7 = 7

2 , 10 = 20

3 , 13 = 39

4 , 18 = 72

Then

5 , 21 = ?

If

6 , 11 = 66

7 , 14 = 98

8 , 19 = 152

9 , 22 = 198

Then

10 , 27 = ?

Name: _____

12 x 5 = 10 x _____?

A) 9

B) 13

C) 6

D) 10

nine hundred eighty-four =

A) 94008

B) 894

C) 9840

D) 984

How many of the following numbers are odd?
92, 37, 26, 12, 12, and 33

A) 2

B) 4

C) 0

D) 3

Which of the following numbers is between 4.8 and 4.08?

A) 4.83

B) 3.31

C) 4.55

D) 4.85

When it is 11 o'clock, what type of angle is the smallest angle formed by the minute and hour hands?

A) Acute angle

B) Right angle

C) Obtuse angle

Which of the following has the smallest value?

A) 0.062

B) 0.0620

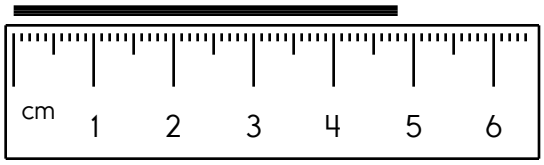
C) A and B are equal.

Name: _____

X	7	6		4	
	28 ___ x 7	___ x 6	___ x ___	___ x 4	32 ___ x ___
2	2 x 7	2 x 6	2 x ___	8 2 x 4	2 x ___
	___ x 7	42 ___ x 6	___ x ___	28 ___ x 4	___ x ___
1	1 x 7	6 1 x 6	1 x ___	1 x 4	1 x ___
	___ x 7	___ x 6	45 ___ x ___	___ x 4	40 ___ x ___

Write the length in millimeters.

_____



Color in $\frac{2}{5}$ of the rectangle.

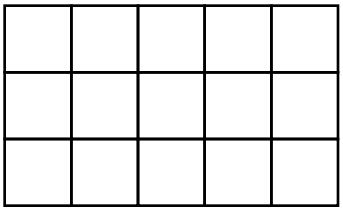
The sum of two whole numbers is twenty-four. The difference between the two numbers is ten. What are these two numbers?

_____

What polygon has six sides?

_____

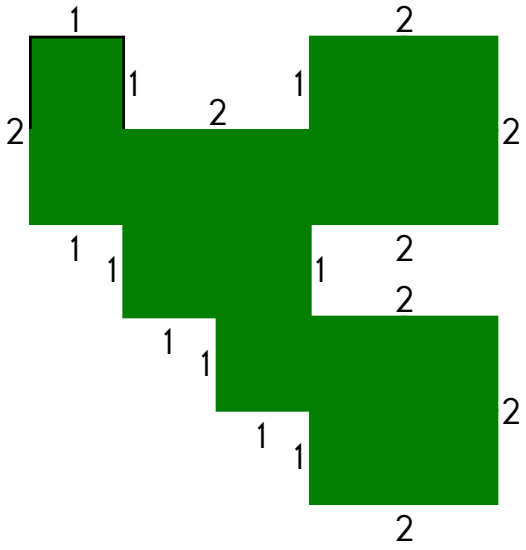
Color in $\frac{1}{5}$.



Name: _____

Holly's sister is a toddler. Holly baby-sits for 1 hour and 15 minutes each day. If she starts at 3:20 p.m., what time is she finished?

It took Amanda thirty-seven minutes to do her puzzle. If she started at 3:00 p.m., what time did she finish the puzzle?



The perimeter is _____.

Which is smaller, $\frac{3}{4}$ or $\frac{1}{3}$?

_____

10 x 2 = _____

What place value does the 9 have in 91,684?

_____

39	61	52
+ 64	+ 63	+ 69
_____	_____	_____

Name: _____

Make a pattern.
Start with 43.
Subtract 4.

_____ , _____ , _____ , _____ , _____ , _____

If ☐ = 12, then ☐ + 3 = _____

73	86	84	61
- 15	- 67	- 14	- 27

Which is larger, 0.9 or 0.8?

_____

How many seconds are in four minutes?

_____

78
- 73

How many centimeters are in five hundred millimeters?

_____

The factors of 18 are ___ 2 ___ ___ 9 ___

Write the ordinal number that comes after ninety-seventh.

_____

41 - 8 = _____

76
+ 93

Write the number for three thousand forty-five.

_____

If K = 4, then what does K plus K equal?

_____

- ○ layze
- ○ layzea
- ○ lazy
- ○ lezy

What is the ratio of boys to girls in your class?

_____

Round the number to the place value of the BIG number.

2,186,499

_____

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

Name: _____

Sudoku Sums of 6

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 6.

Here is an example of a sudoku sum of 6: | 1 | 5 |

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

$6\overline{)30}$

Fill in the missing fractions.

_____ , $\frac{2}{5}$, $\frac{3}{5}$, _____

$6\overline{)12}$

$7\overline{)21}$

$$\begin{array}{r} 89 \\ +\ 14 \\ \hline \end{array}$$

Name: _____

94 + 69	93 + 27	104 - 53	67 - 37	162 - 74	30 + 33
184 - 91	26 + 58	183 - 96	57 + 99	83 - 32	59 + 17
117 - 75	98 - 74	51 + 20	33 + 66	25 + 88	157 - 93
156 - 63	26 + 95	27 + 19	61 - 21	186 - 90	46 + 97
38 + 73	64 + 90	71 + 83	159 - 88	68 - 38	171 - 82
26 + 59	55 + 51	176 - 81	37 + 29	137 - 85	84 - 53
30 + 55	90 + 92	97 + 85	131 - 77	109 - 44	108 - 48

2
+ 4
□

+ 5
□

+ 2
□

13
+ □

22
- 2
□

+ 4
□

24
- □

18
+ □

25
+ □

29
+ □

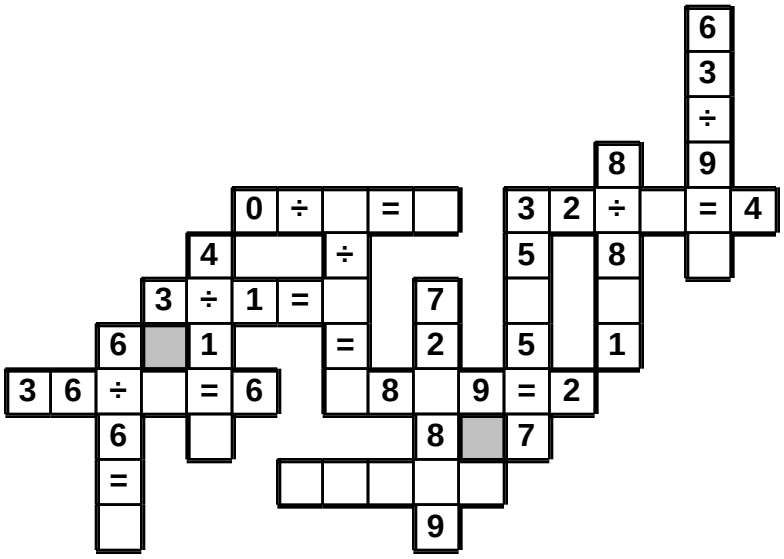
38
+ □

43

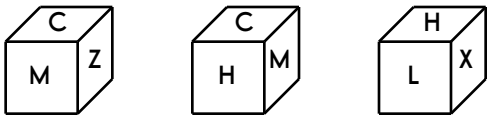
Name: _____

3 • 0 • 8 • 7 • 3 • ÷ • = • 6 • 1 • ÷ • 4 • 0 • ÷ • 2 • = • 0 • 1

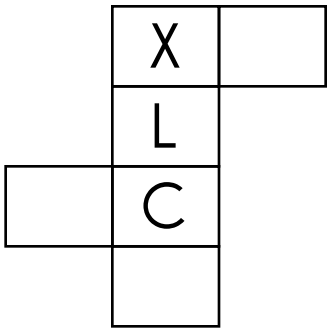
Use the pieces above to help you fill in the runaway math puzzle.



This is the look at one cube that is turned around a few times.



This pattern can be folded into the cube. Fill in the missing boxes.



Do you use A.M. or P.M. to write the time you eat dinner?

_____

$4\overline{)28}$

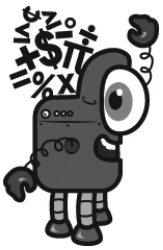
$2\overline{)6}$

$9\overline{)54}$

word root **de** can mean **down** **deposit, demolish**

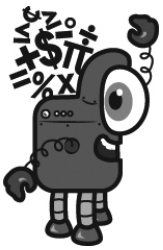
Name: _____

Mental Math — #1



- Start with the number 3. 3
- Multiply by 5. _____
  3 0 1 5 7 3 9 6 1 6 (Circle your answer to double check you are correct.)
- Add a dozen. _____
  6 2 7 7 5 6 7 5 2 5
- Add the number of legs on 9 ducks. _____
  2 3 3 3 7 4 5 2 6 6
- Add the number of ounces in 1 pound. _____
  9 0 2 7 6 1 7 5 4 3
- Add the number of nickels in a dollar. _____
  5 2 6 8 1 2 4 7 7 0

Mental Math — #2



- ☺ Start with the product of 12 and 4. _____
  4 8 8 8 2 6 6 0 9 4 (Circle your answer to double check you are correct.)
- ☺ Add the number of cups in 2 quarts. _____
  8 5 9 2 7 6 5 6 5 1
- ☺ Round that number to the nearest ten. _____
  2 5 1 0 7 0 8 6 0 4
- ☺ Add the number of days in a week. _____
  5 4 4 8 8 0 6 7 9 4
- ☺ Add 3. _____
  3 7 4 2 7 2 9 7 0 9
- ☺ Divide by 10. _____
  9 2 2 5 7 7 1 1 3 0

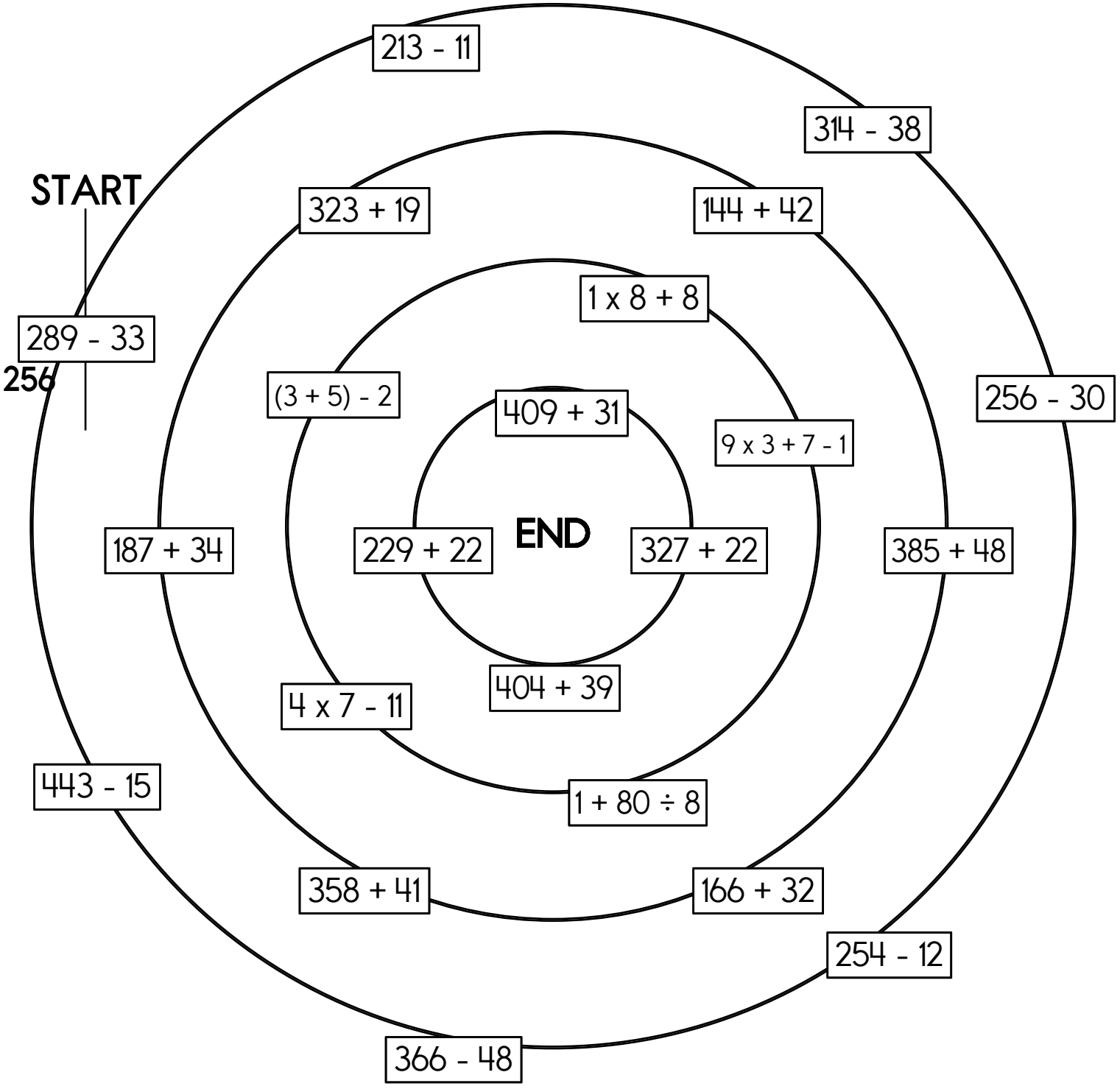
Name: _____

Draw a line from START to END.

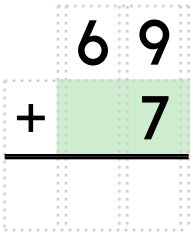
221 11 349

~~256~~

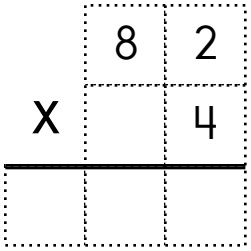
Cross out the number you use above and then write it below.

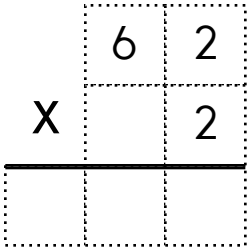


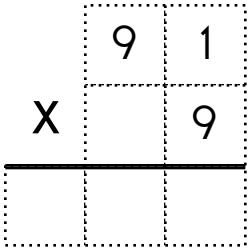
Name: _____

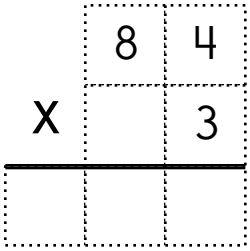
7 ones, 5 thousands, 8 hundreds		8 + 1 - 1
Round 74 to the nearest 10.	Make your own equation. ___ + 6 = ___	Write an even number.
Jack earns $17 an hour. He worked 2 hours. How much did he make?	10 + 4 + 2	In the parking lot there are 15 vehicles. There are 3 SUVs. What fraction of the vehicles are not SUVs?
Round 183 to the nearest ten.	Write the greatest possible 4-digit number using only 2 different numbers.	Which number has exactly 16 ones?
You need to add what to 56 to get 65?	The number 45 is more than the number 7 by how much?	24 ÷ ___ = 8

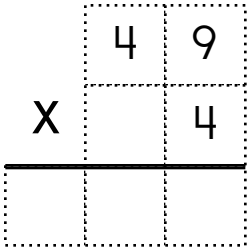
Name: _____

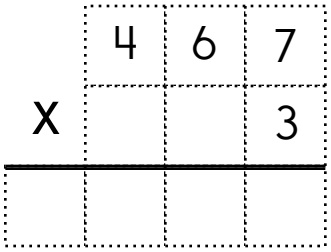

8 2
X 4

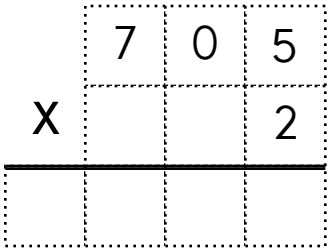

6 2
X 2

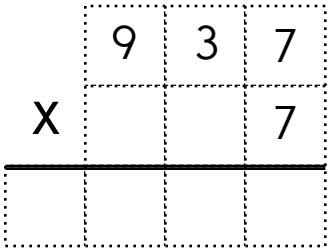

9 1
X 9

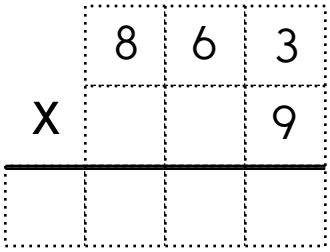

8 4
X 3

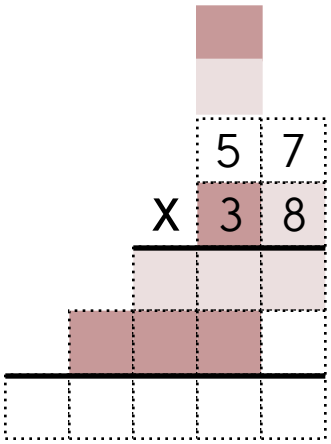

4 9
X 4

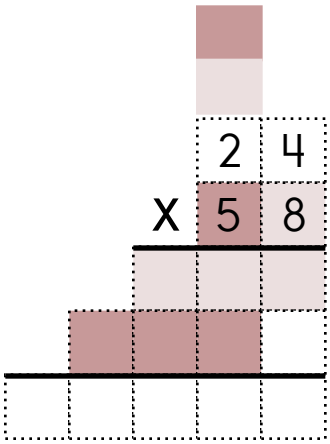

4 6 7
X 3

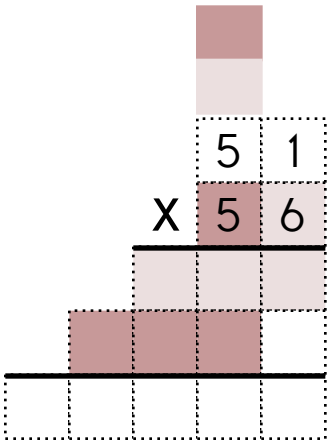

7 0 5
X 2

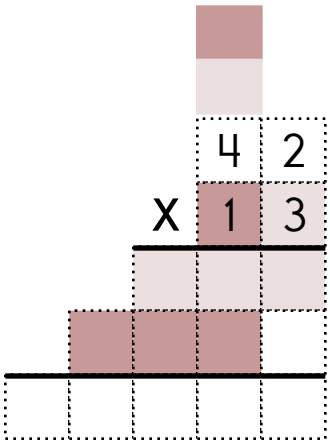

9 3 7
X 7

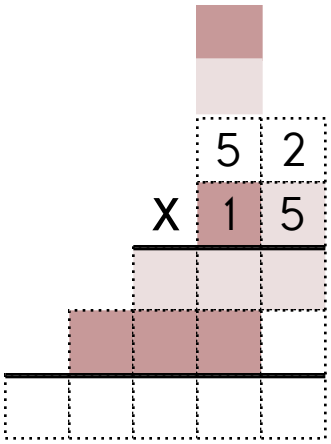

8 6 3
X 9

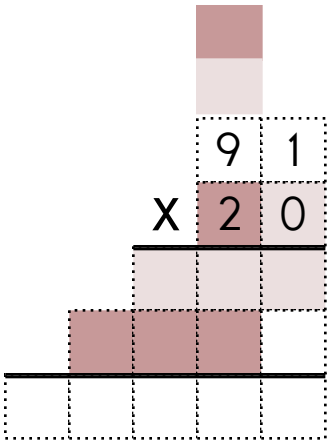

5 7
X 3 8

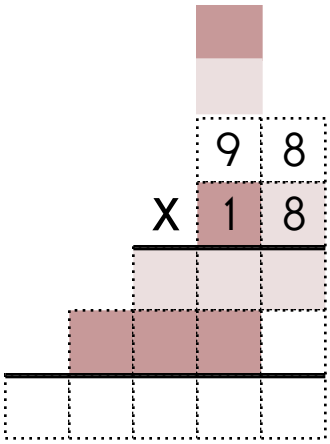

2 4
X 5 8

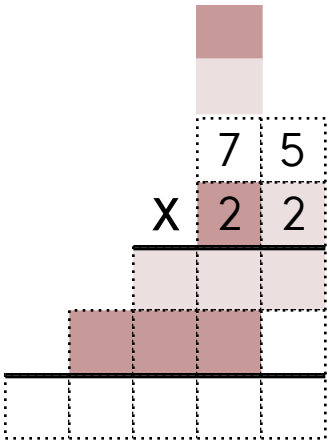

5 1
X 5 6


4 2
X 1 3


5 2
X 1 5


9 1
X 2 0


9 8
X 1 8


7 5
X 2 2

Name: _____

On National Goof Off Day Eric goofed off from 8:22 a.m. until 11:12 a.m. His best friend goofed off 22 minutes longer than Eric did. For how many minutes did the two boys goof off?

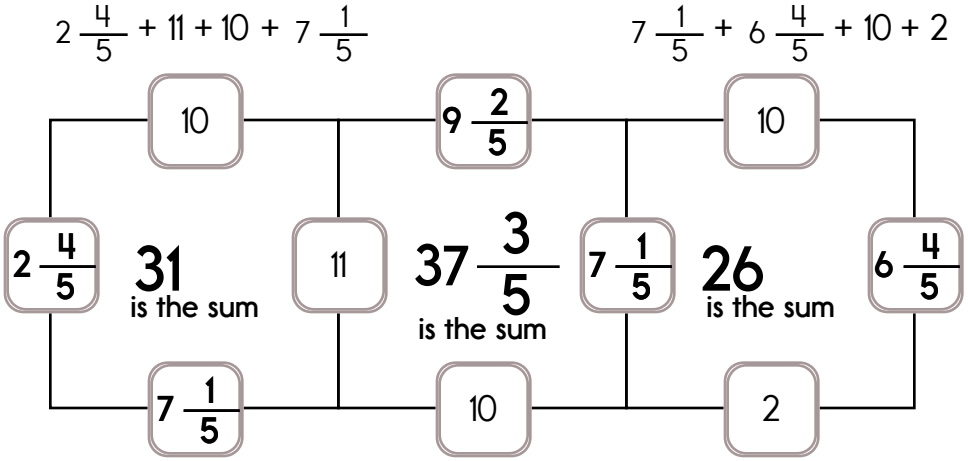
The mass of Anne's cat is 18 grams more than Amy's cat. Emma's cat is 44 grams more than twice the mass of Amy's cat. Amy's cat's mass is 1,373 grams. What is the mass of Emma's cat?

Once every 248 years Pluto's orbit brings it inside Neptune's orbit. It stays inside Neptune's orbit for approximately 20 years. The last time this happened was in 1979. What year will it be when Pluto pass into Neptune's orbit for the 6th time?

Name: _____

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

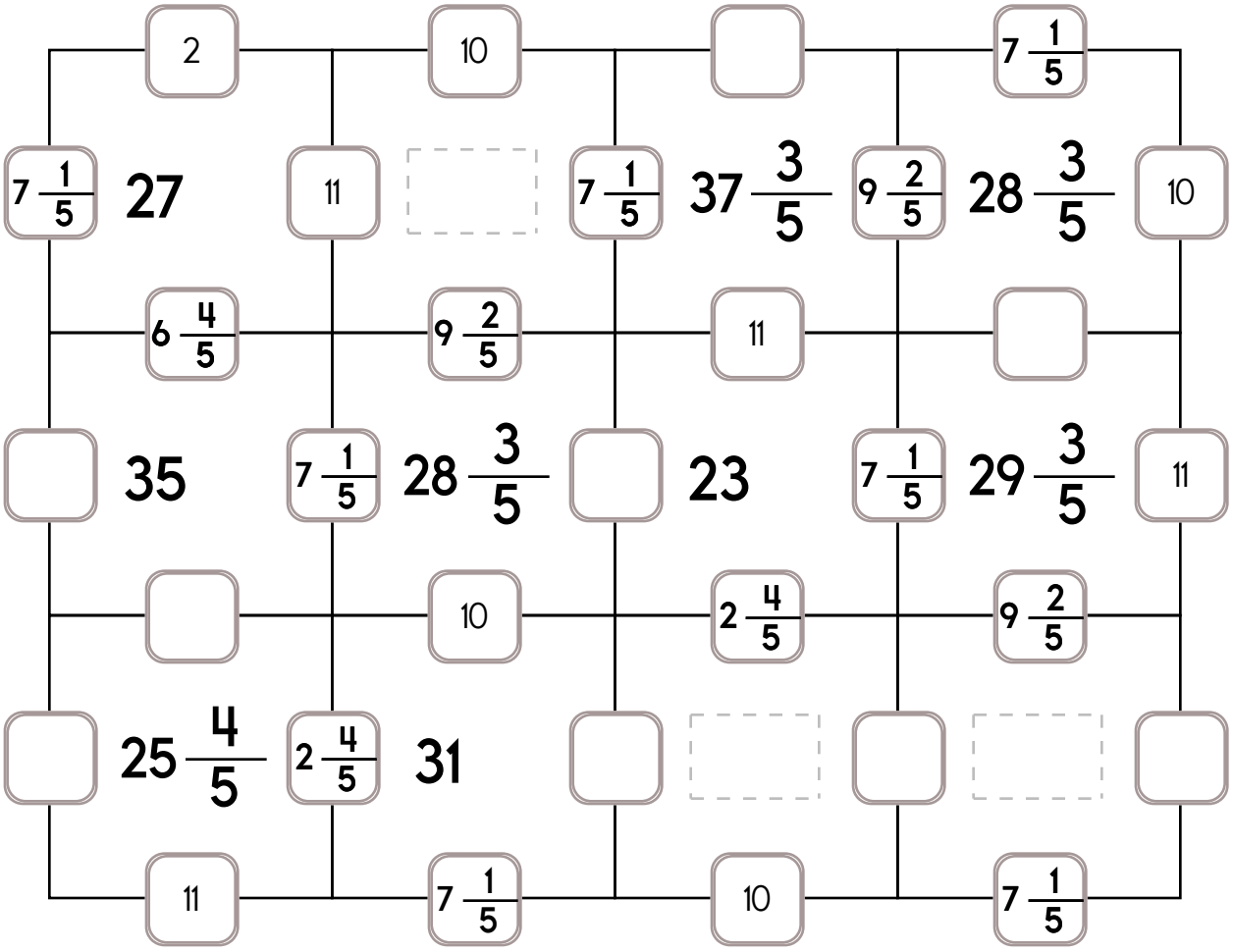
Sample:



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: $9\frac{2}{5}$, $6\frac{4}{5}$, or $2\frac{4}{5}$.

The other three numbers have to all be DIFFERENT and must be from these: 11, 2, 10, or $7\frac{1}{5}$.

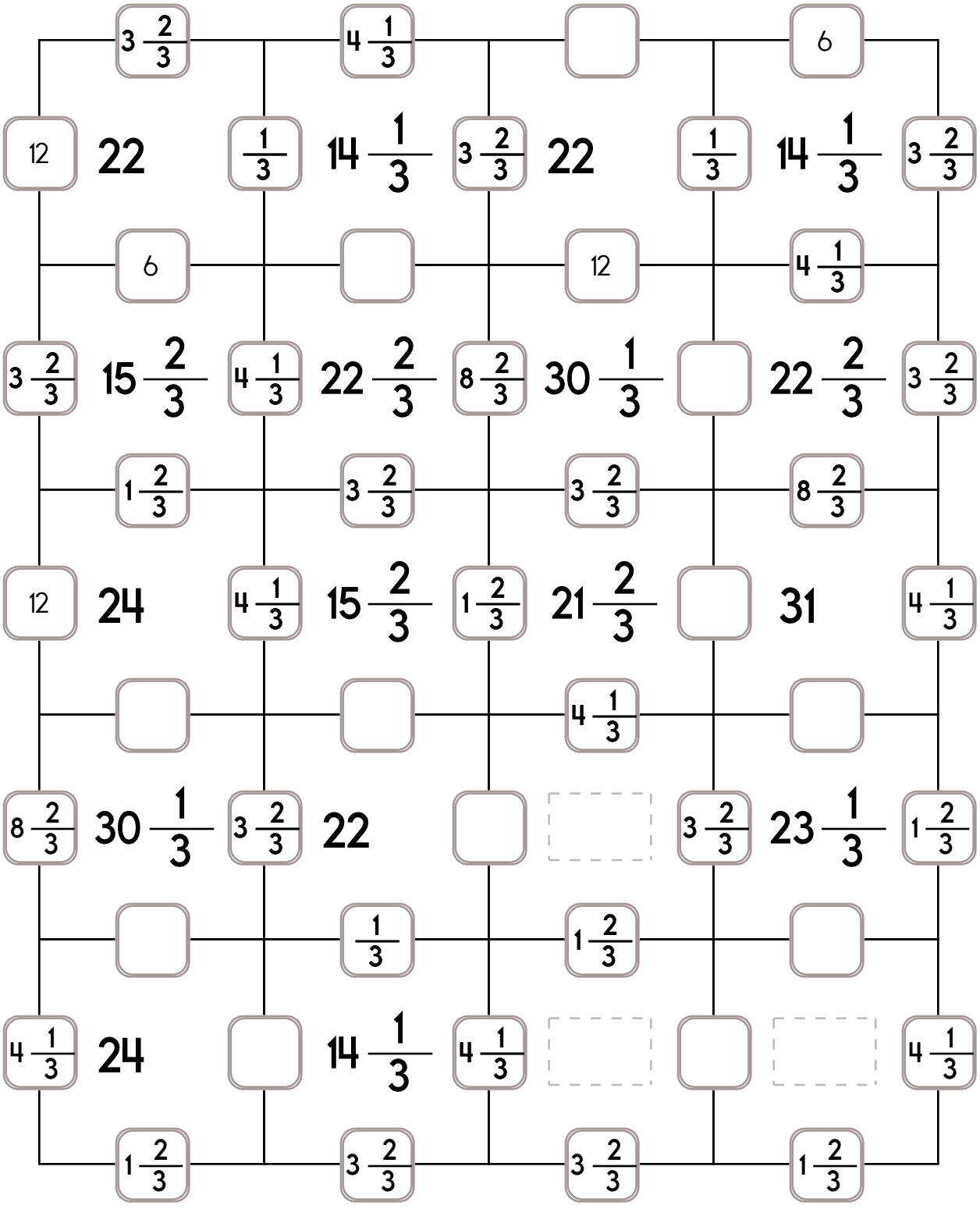


Name: _____

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

The other three numbers have to all be DIFFERENT and must be from these: $3\frac{2}{3}$, $4\frac{1}{3}$, 6, or 12.



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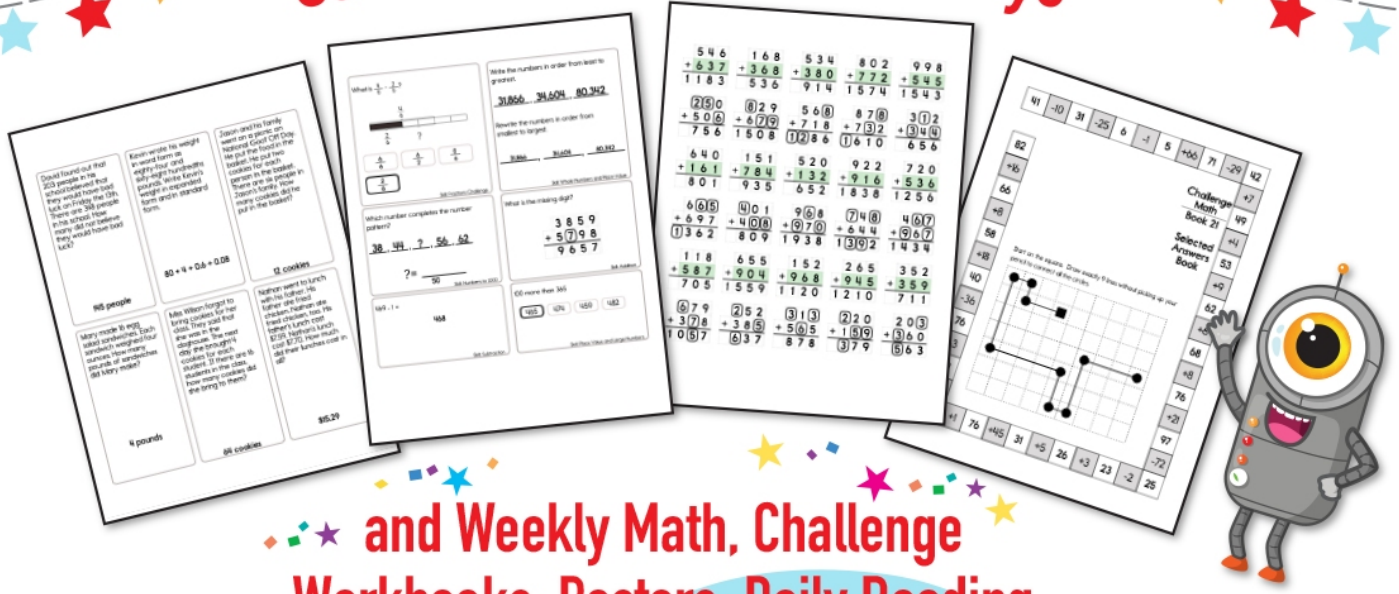

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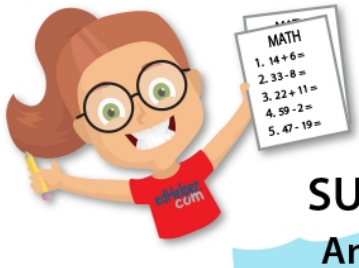

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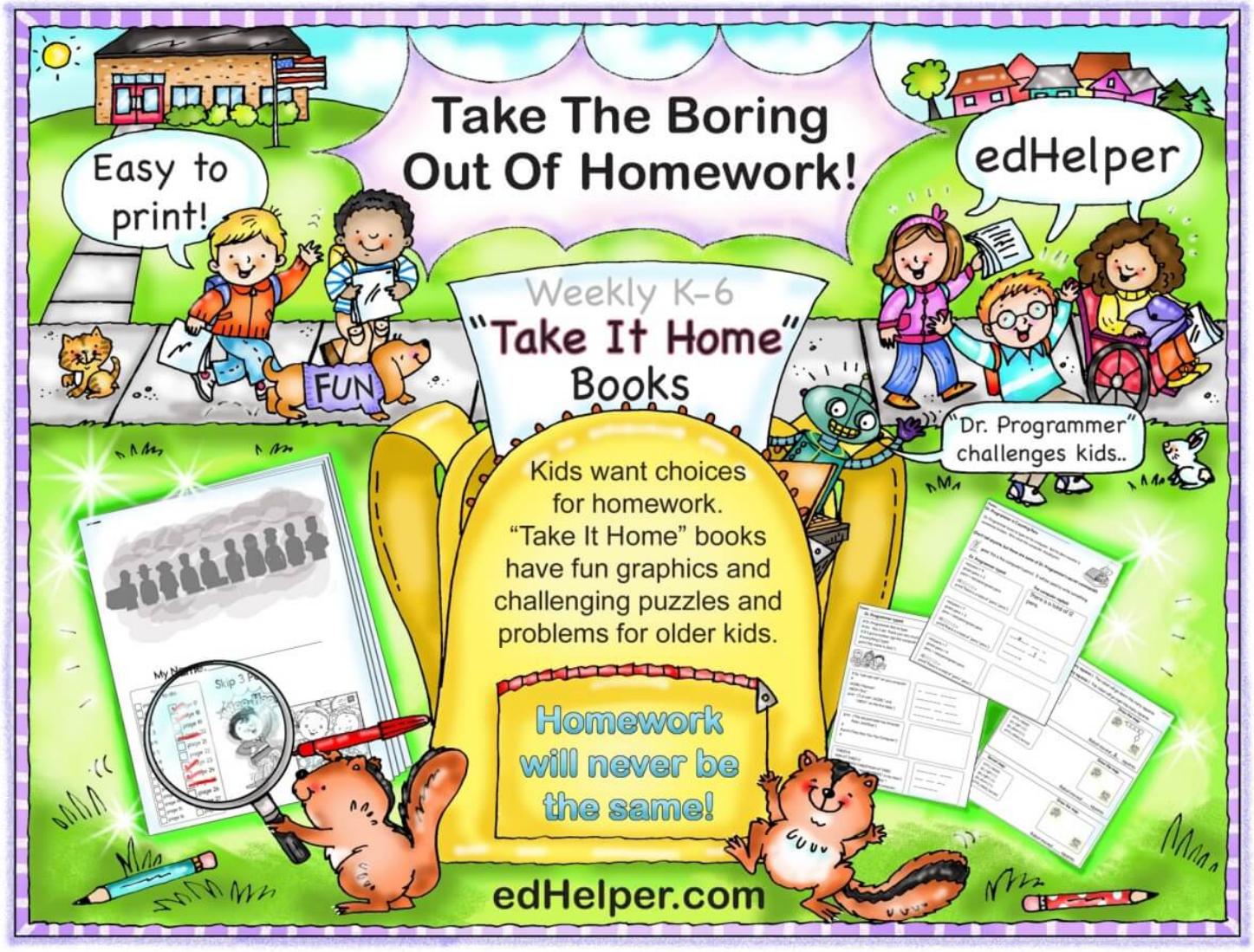
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