Name: _____

Can you name the mystery three-digit number?

One of the digits is 4.

The tens digit is 4 more than the hundreds digit.

If you add the hundreds and the tens digits, the sum is 12.

If you multiply the hundreds and the ones digits, the product is 16.

Connor is bored, so he decides to start coloring the outside sidewalk. Would you believe every 15 minutes he goes through 12 pieces of chalk. That's a lot of chalk! After 3 hours his arms are so tired he quits. How much chalk did Connor use?

Name: _____

Cross off the letter that does NOT belong.

C, F, I, L, O, R, U, W, X

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

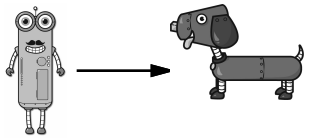
5, 5, 5, 9, 5, 5, 5, 5, 5, 9, 5, 5, 5, 5, 5,

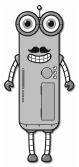
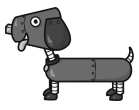
5, 5, 9, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 9

Why does _____ not belong in the pattern?

Name: _____

Help Robot find Rover. Make a path of increasing sums. You can only move to a box with a larger sum. Draw a line to show your path.



	98 + 83	78 + 30	73 + 54	71 + 72	57 + 62	46 + 75	21 + 87	93 + 29
11 + 11	23 + 15	15 + 24	98 + 63	72 + 16	48 + 70	30 + 96	81 + 91	99 + 69
62 + 58	45 + 16	22 + 21	68 + 90	23 + 76	13 + 14	61 + 78	58 + 39	18 + 20
58 + 18	53 + 20	59 + 51	84 + 50	34 + 58	69 + 12	44 + 66	38 + 80	12 + 42
66 + 11	37 + 32	27 + 43	28 + 77	96 + 21	56 + 82	69 + 85	91 + 42	63 + 31
28 + 51	15 + 67	20 + 64	64 + 23	52 + 55	89 + 64	93 + 53	20 + 45	15 + 30
74 + 26	51 + 27	83 + 89	67 + 26	18 + 79	38 + 61	71 + 38	25 + 88	

Name: _____

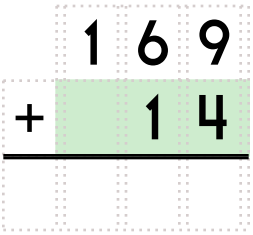
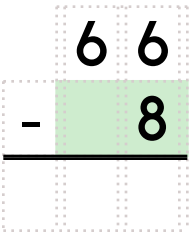
Peter loved puzzles. He had seventeen puzzles of his own. He got two new puzzles for his birthday. One puzzle was a picture of a dog. It had sixty-nine pieces. The other puzzle was a picture of a bright red car. It has one hundred twenty-seven pieces. How many more pieces did the car puzzle have than the dog puzzle?

There are 65 students in third grade. There are 19 students in Miss Bell's class. There are 22 students in Mr. Edison's class. The rest of the students are in Ms. Lovell's class. How many more students are there in Ms. Lovell's class than Miss Bell's class?

Mary just got a phone. The first day she got the phone she played for only 9 minutes. Every day after that she doubled how much time she played on her phone. On day 4 how long did she play on her phone?

Pam is putting together goodie bags for her birthday party. She invited 6 friends, and everyone can come except for Megan. At the party store, she bought 14 mini chocolate bars. She wants to give everyone (including herself) an equal number of mini chocolate bars. How many should she put into each goodie bag?

Name: _____

Write an even number.	Find a clock. What time is it right now?	
2 less than 652	72, 84, 96, 108, _____, 132, 144, 156	
The party is at 1 p.m. In only 12 minutes the party starts. What time is it right now?	How many hours are there from 6 a.m. to 10 p.m.?	Holly has a bowl. She puts 9 nickels into the bowl. Jacob sees the bowl and takes 2 nickels. How much money (in cents) is left in the bowl?
Round 55 to the nearest 10.	6 thousands, 4 hundreds	6 + 2 + 5

Name: _____

Ms. Johnson bought a rubber eraser for 8¢. She gave the clerk a coin and got 2¢ change. What coin did she give the clerk?

Ms. Smith made a honey cake on Don't Step on a Bee Day. There are 5 people in her family. Each person gets an equal part. What fraction of the cake will each person get?

Anne is polishing her brown shoes. She will wear them tomorrow. Tomorrow is Wear Brown Shoes Day. She started polishing her shoes at 3:21 p.m. She finished at 3:45 p.m. How many minutes did it take her to polish her shoes?

Fill in the boxes so each line equals 15.

15
☐ x 15
90 ÷ ☐
☐ - 4
(11 + ☐) + ☐

Write the correct symbol.

< = >

86,652 ◯ 87,652

53 - 8 = _____

$$\begin{array}{r} 1 \\ \times\ 12 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times\ 11 \\ \hline \end{array}$$

Write + or - in the circles.

3 ◯ 10 ◯ 6 = 6 ◯ 9 ◯ 8

1 ◯ 1 ◯ 11 = 2 ◯ 8 ◯ 3

53 + 1 = _____

12 + ☐ = 24

4 + ☐ = 8

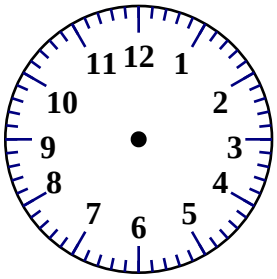
17 + ☐ = 29

31 + ☐ = 34

31 + ☐ = 37

Name: _____

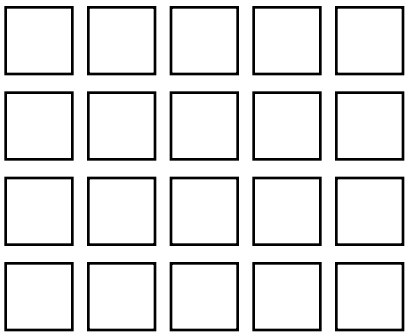
06:48



$$\begin{array}{r} 56 \\ +\ 23 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 8 \\ +\ 53 \\ \hline \end{array}$$

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



22 + ☐ = 31

Hunter bought a box of beads for his craft project. There are 4,261 beads in the box. Round off 4,261 to the nearest hundred.

26 + ☐ = 28

46 + 1 = _____

- ○ biet
- ○ buet
- ○ beet
- ○ boet

$$\begin{array}{r} 78 \\ -\ 12 \\ \hline \end{array}$$

$3\overline{)12}$

$5\overline{)35}$

Write the final part of each math analogy.

two eights : 16 :: two nines : _____

Explain why you think your answer is correct.

greater than : > :: less than : _____

Explain why you think your answer is correct.

word root **hum** can mean **earth** **humble, exhume**

Name: _____

Sudoku Sums of 7

Each row, column, and box must have the numbers 1 through 4.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 7.

Here is an example of a sudoku sum of 7:

3	4

1			2
		4	
	1		
3			

$9\overline{)81}$

$4\overline{)12}$ $6\overline{)48}$

1 x 9 = _____

9 + ☐ = 36

$8\overline{)40}$

Write + or - in the circles.

7 ◯ 2 ◯ 1 = 8 ◯ 1 ◯ 1

4 ◯ 1 ◯ 3 = 9 ◯ 1 ◯ 4

49 + 3 = _____

5 + ☐ = 34

10 + ☐ = 17	5 + ☐ = 8	19 + ☐ = 23	8 + ☐ = 16
4 + ☐ = 7	11 + ☐ = 38	6 + ☐ = 24	9 + ☐ = 31

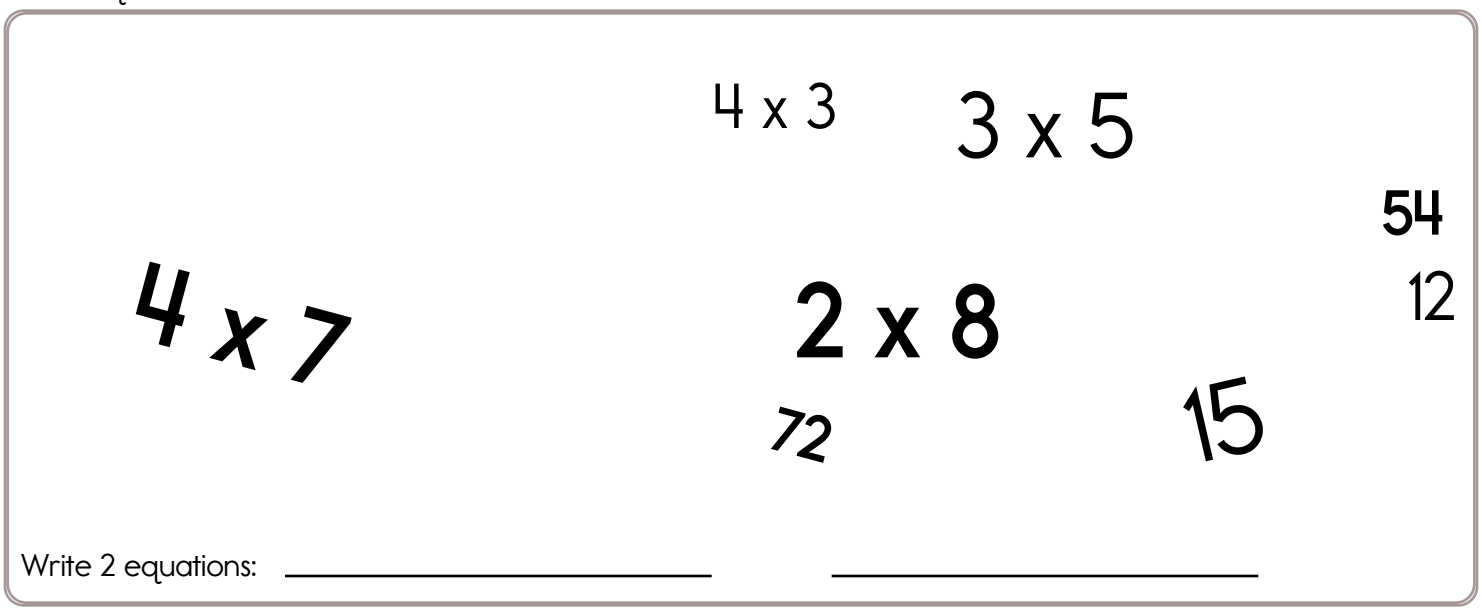
Name: _____

3,408 - 927	5,690 + 784	9,497 + 571	6,753 - 903
8,511 + 245	9,904 - 951	3,835 + 720	9,321 - 416
8,157 + 3,334	9,377 + 7,632	8,641 - 5,890	10,207 - 4,176
6,538 + 5,988	10,440 - 4,506	6,841 + 5,067	10,111 - 3,753
9,426 + 2,332	18,060 - 9,190	3,229 + 3,565	5,081 - 4,049
7,954 + 8,697	5,378 - 2,041	7,607 + 7,047	17,259 - 7,333
1,586 + 8,635	3,439 + 4,296	10,850 - 6,484	10,386 - 5,475

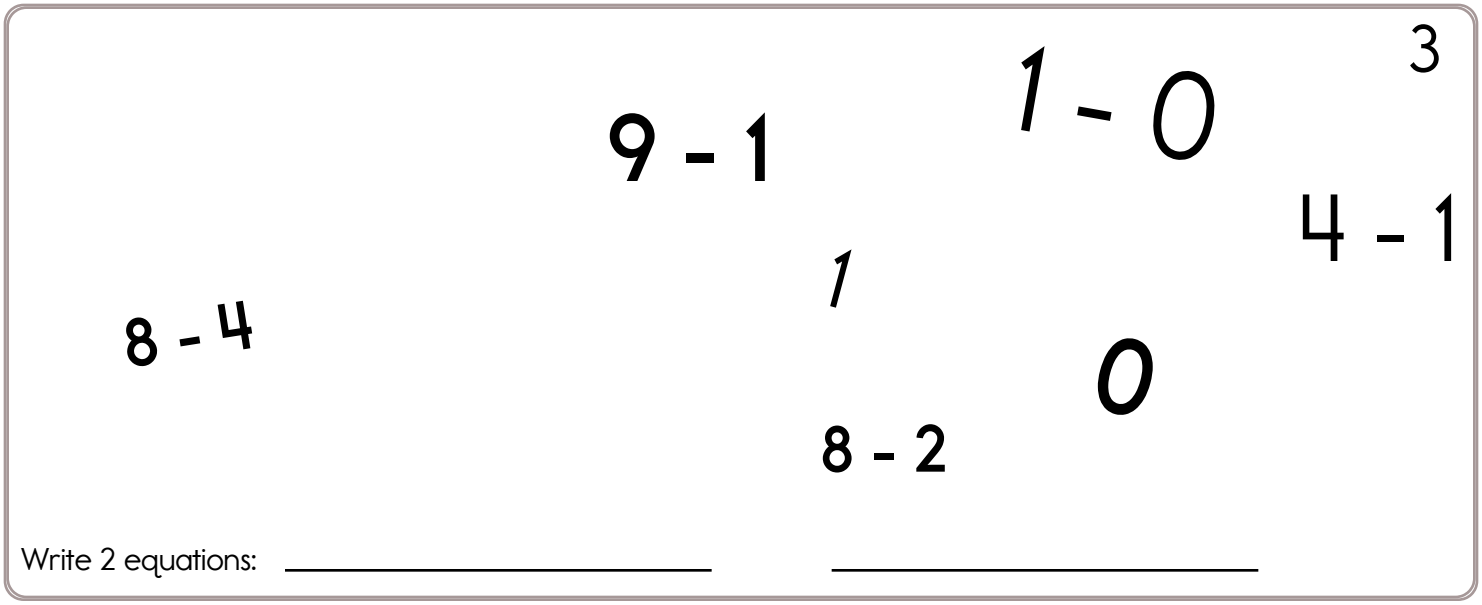
3
+ 7
□
+ 6
□
+ 8
24
+ □
32
- □
24
- 5
□
+ 7
□
+ 4
□
- 7
23
+ □
30
+ □
38

Name: _____

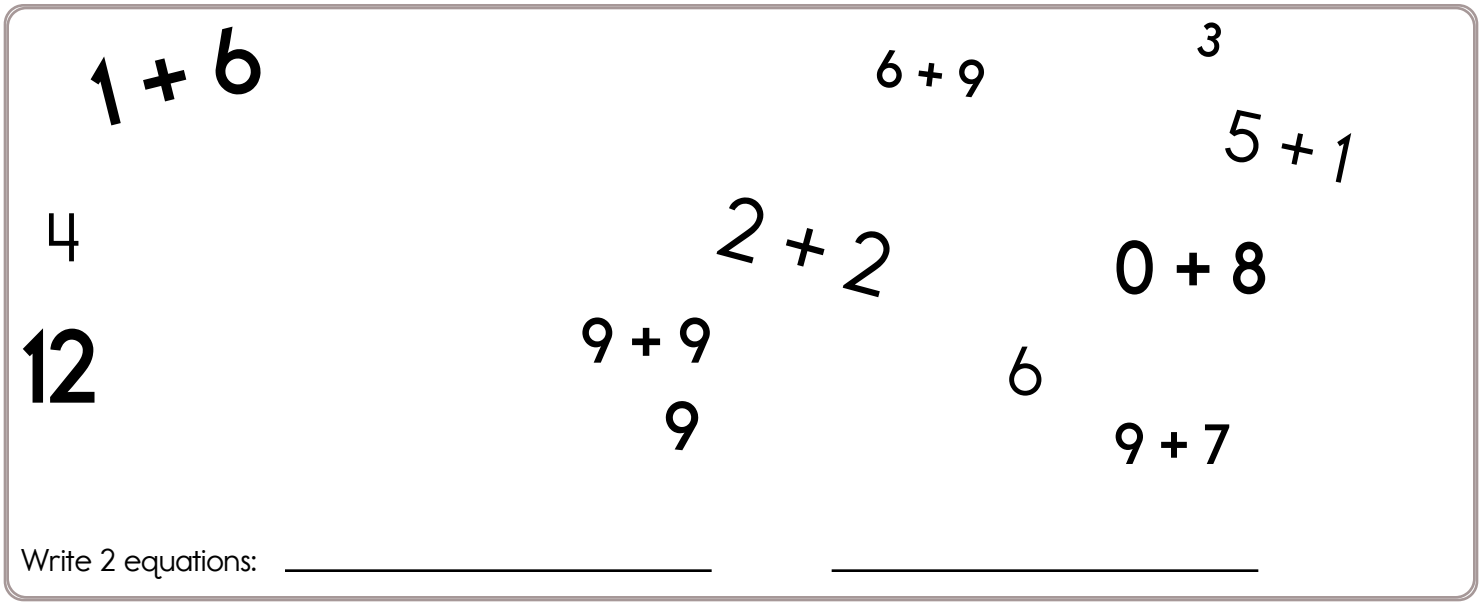
Find 2 equations hidden in each box. Good luck!



Write 2 equations: _____ _____



Write 2 equations: _____ _____



Write 2 equations: _____ _____

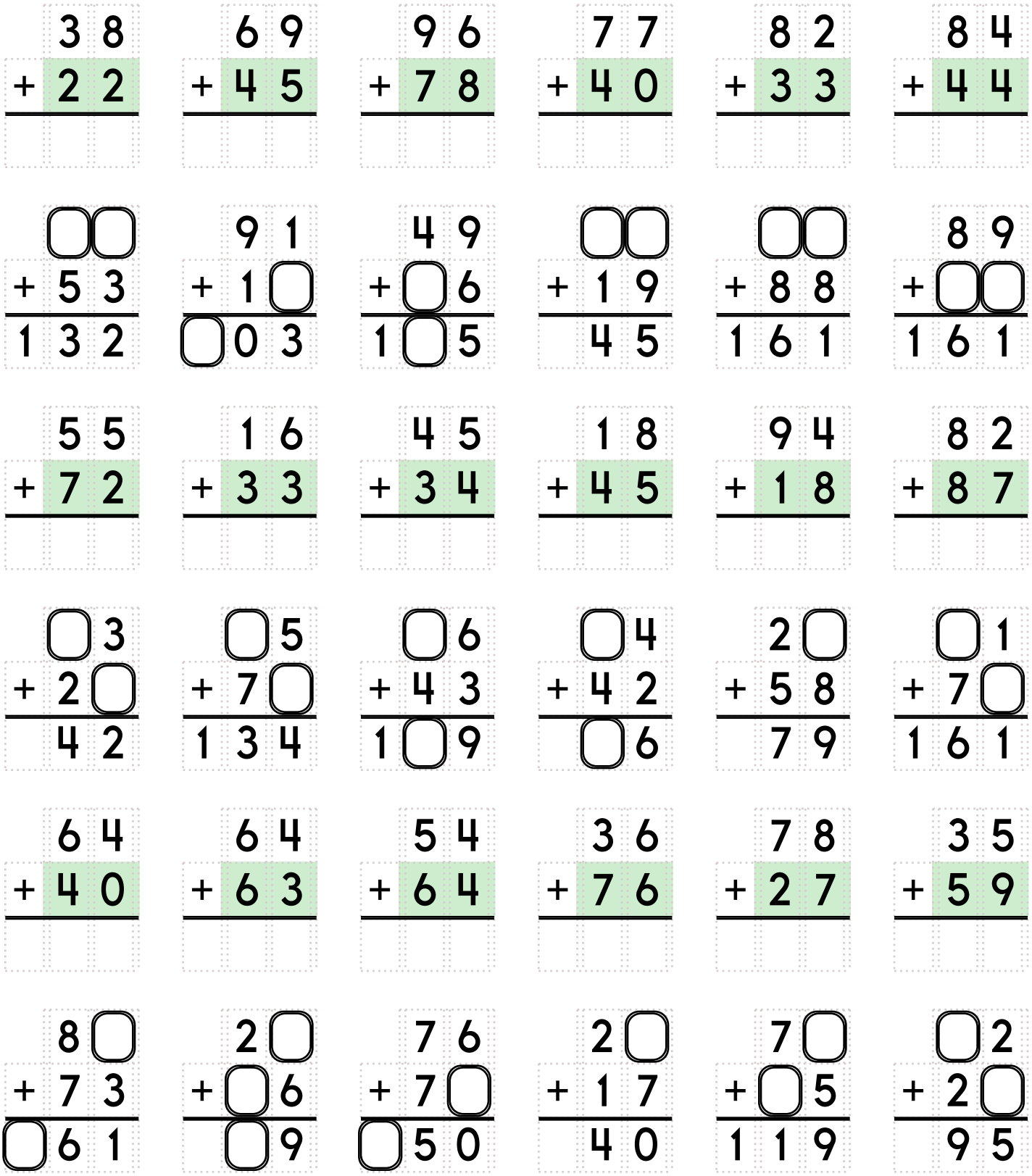
Name: _____

99 = 96 + 3	___ = 68 + 2	___ = 75 + 9	___ = 96 + 3
75 + 9 = ___	75 + 9 = ___	30 + 2 = ___	19 + 3 = ___

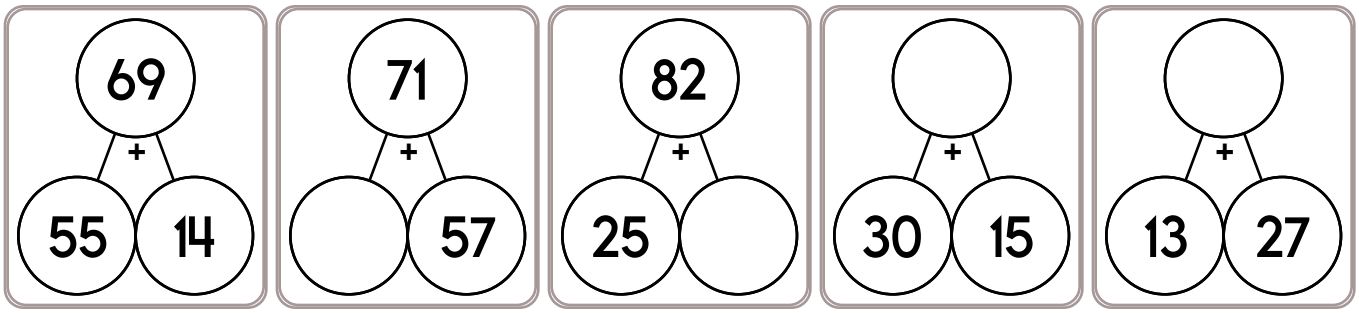
68 - ___ = 66	___ - 5 = 55	25 - ___ = 21
___ - 7 = 24	___ - 3 = 68	26 - ___ = 22
___ - 3 = 71	41 - ___ = 36	___ - 9 = 56
75 - ___ = 71	___ - 9 = 80	52 - ___ = 43

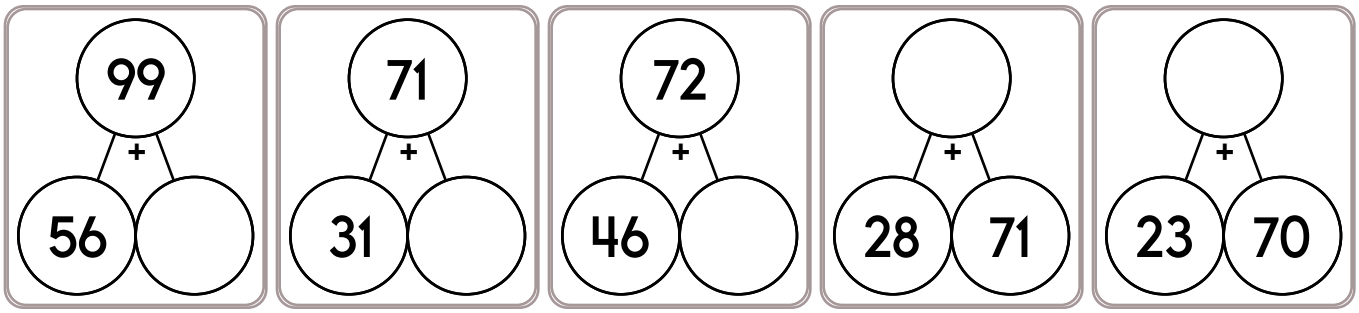
94 - 4 =	72 - 6 =	74 - 7 =	80 - 3 =	91 - 7 =	86 - 9 =
40 - 6 =	42 + 7 =	86 - 9 =	51 - 2 =	76 + 5 =	38 + 8 =

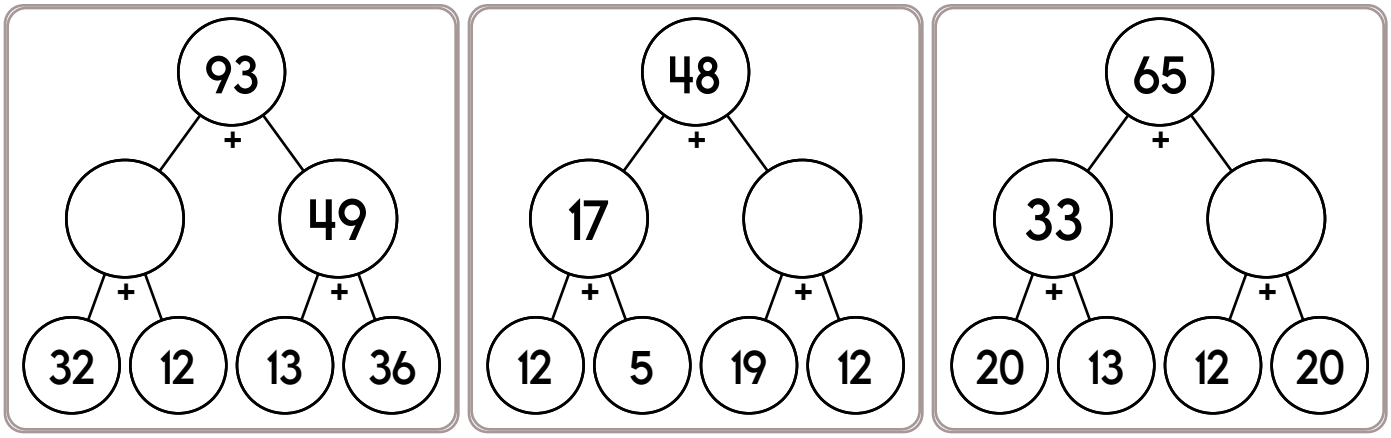
Name: _____

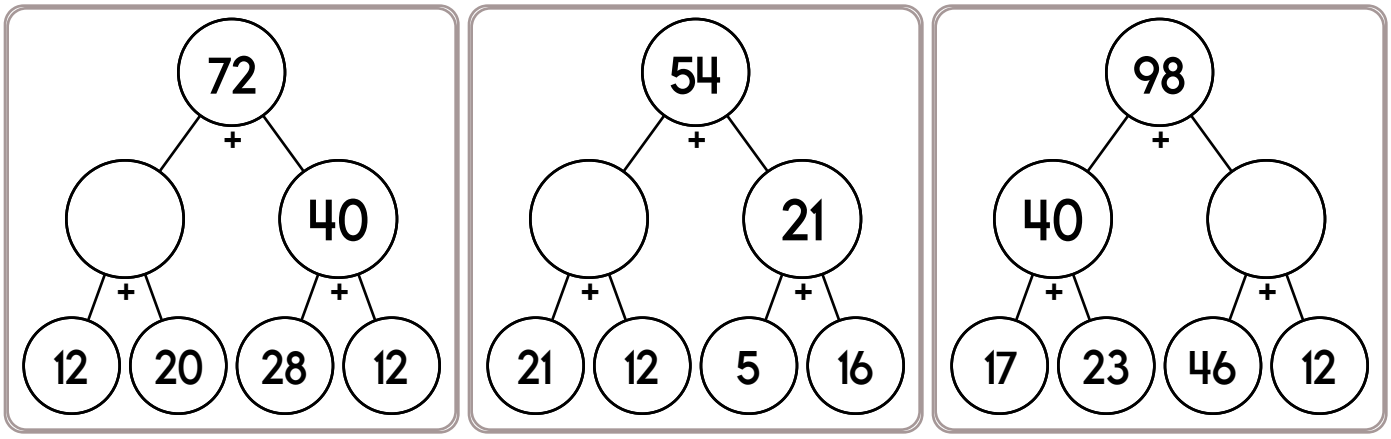

38 + 22
69 + 45
96 + 78
77 + 40
82 + 33
84 + 44
□□ + 53 = 132
91 + 1□ = □03
49 + □6 = 1□5
□□ + 19 = 45
□□ + 88 = 161
89 + □□ = 161
55 + 72
16 + 33
45 + 34
18 + 45
94 + 18
82 + 87
□3 + 2□ = 42
□5 + 7□ = 134
□6 + 43 = 1□9
□4 + 42 = □6
2□ + 58 = 79
□1 + 7□ = 161
64 + 40
64 + 63
54 + 64
36 + 76
78 + 27
35 + 59
8□ + 73 = □61
2□ + □6 = □9
76 + 7□ = □50
2□ + 17 = 40
7□ + □5 = 119
□2 + 2□ = 95

Name: _____









double 50	6, _____, 10, 12, 14, 16, 18, 20	6 less than 656

Name: _____

12 = ___ + 2	73 = 70 + ___	96 = ___ + 7	12 = 10 + ___
65 = 56 + ___	57 = ___ + 4	47 = ___ + 3	73 = 70 + ___

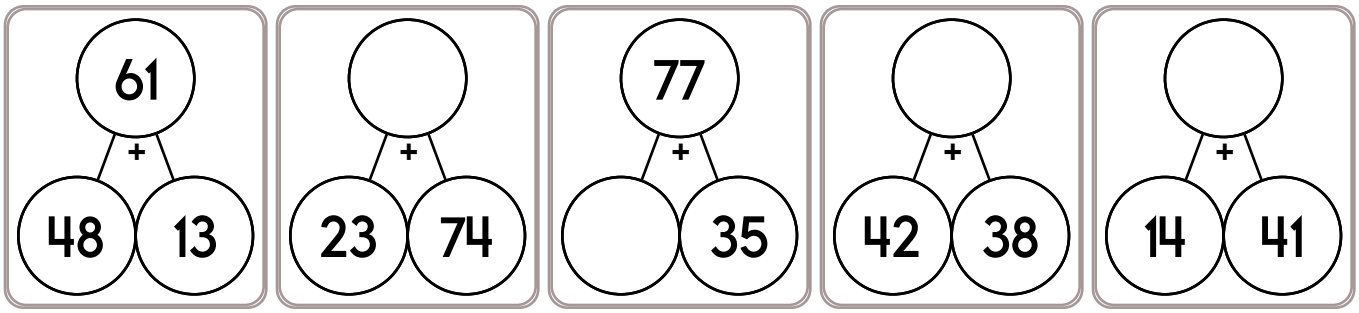
48 - ___ = 42	___ - 2 = 12	___ - 3 = 69
29 - ___ = 23	___ - 9 = 27	46 - ___ = 41
41 - ___ = 34	___ - 8 = 59	___ - 8 = 57
___ - 3 = 74	36 - ___ = 34	61 - ___ = 56

59 - 2 =	19 - 9 =	96 - 3 =	32 - 3 =	70 - 2 =	98 - 4 =
24 - 2 =	38 - 6 =	71 - 4 =	38 - 3 =	59 - 6 =	39 - 9 =

Name: _____

594 + 504	498 + 803	432 + 562	332 + 382	136 + 294
□33 + 6□□ = □39	1□2 + 550 = 7□2	□□4 + 95□ = 1□17	□□8 + 8□9 = 9□7	□□0 + 904 = 16□4
889 + 844	799 + 557	264 + 961	911 + 400	411 + 592
61□ + □□8 = 1525	□□6 + 991 = 18□7	73□ + 1□4 = 878	5□□ + □7□ = 1427	1□□ + 5□2 = 740
308 + 122	551 + 124	324 + 246	265 + 534	888 + 469
□88 + 6□□ = 796	□□8 + 317 = 9□5	58□ + 6□6 = □256	□45 + 6□□ = 898	6□9 + 25□ = 921

Name: _____



Circle the number that is largest.

2,002 2,020

2,200

8 - 4 - 1 + 6 + 3

8 ones, 4 tens, 7 thousands, 9 hundreds

It is 7:49 when Emma leaves her house. She arrives at school at 8:07. How much time has passed?

Make your own equation.

___ + 7 = ___

Circle the number that is largest.

80,300 80,003

80,030 83,000

What fraction of these numbers are less than 69? Write a fraction.

75 96 73 55

53 69 88 86 72

76 98 108 76

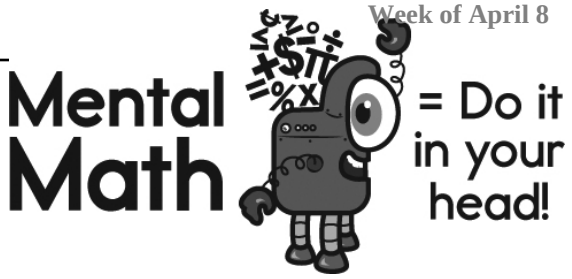
How many even numbers are there between 31 and 47?

Amy has a bowl. She puts 11 dimes into the bowl. Max sees the bowl and takes some dimes out. The bowl now has 70 cents in it. How many dimes did Max take?

word root **dom** can mean **rule** **domain, dominate**

Name: _____

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?



A	B	C	D
imagine 8 in your head subtract 2 subtract 4 Write the number. ____	imagine 9 in your head subtract 3 double it subtract 4 Write the number. ____	imagine 4 in your head add 5 subtract 3 add 4 Write the even digit in your answer. ____	imagine 6 in your head double it add 1 Write the tens digit. ____

What is the sum?

A + B + C + D

____ ____

Wow! Great job! That's the answer, but do you know how to SPELL the number?

____ ____ ____ ____ **e** ____

3 after 16 _____	5 before 12 _____	9 before 15 _____
2 after 14 _____	2 before 11 _____	3 before 14 _____
5 after 19 _____	4 before 13 _____	7 before 18 _____
9 after 18 _____	6 before 19 _____	1 before 16 _____
4 after 11 _____	8 before 17 _____	2 before 16 _____

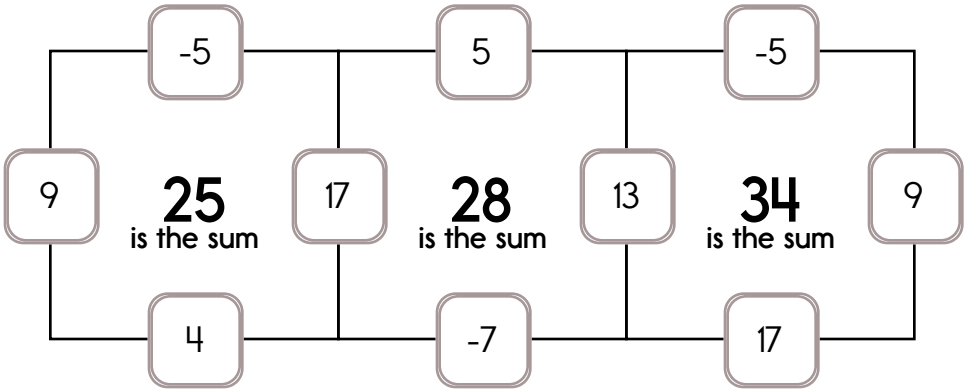
Name: _____

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

Example:
9 + 17 + 4 - 5 = 25

Example:
13 + 9 + 17 - 5 = 34

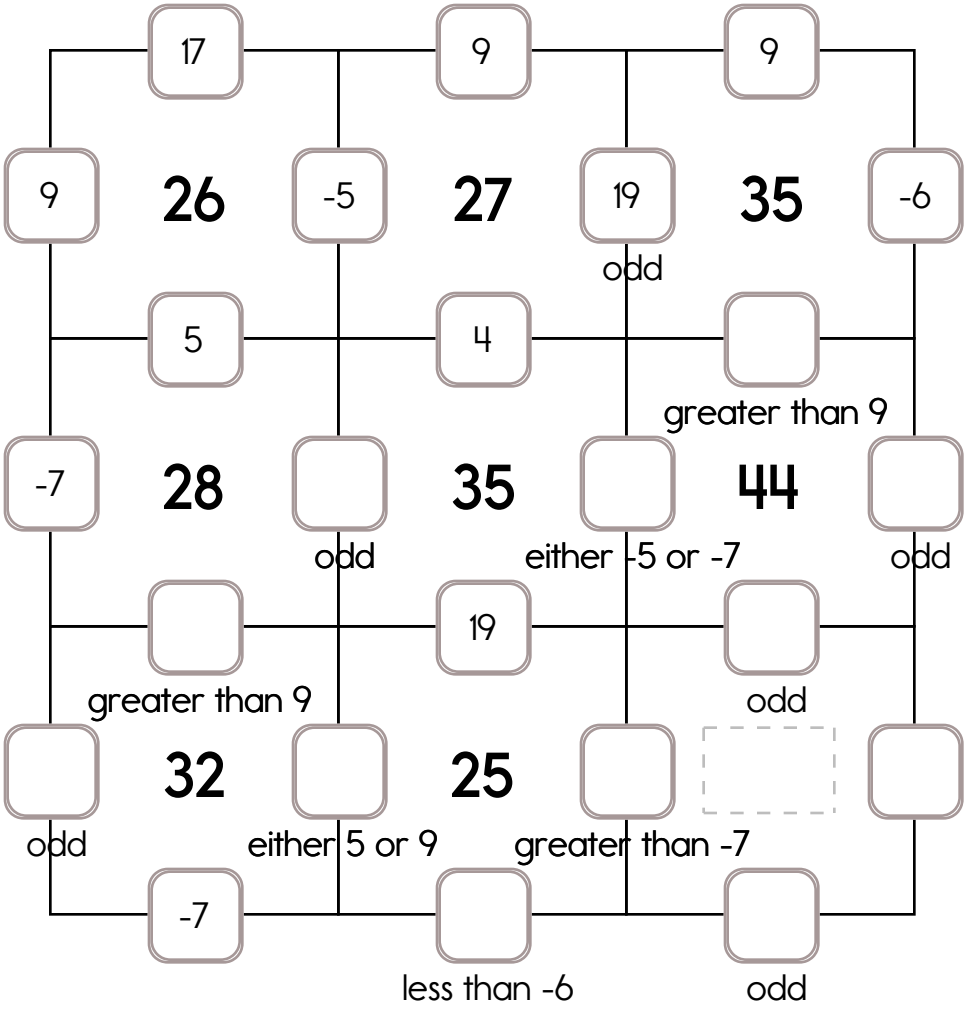
Sample:



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: -5, -6, or -7.

The other three numbers have to all be DIFFERENT and must be from these: 9, 13, 5, 17, 4, or 19.

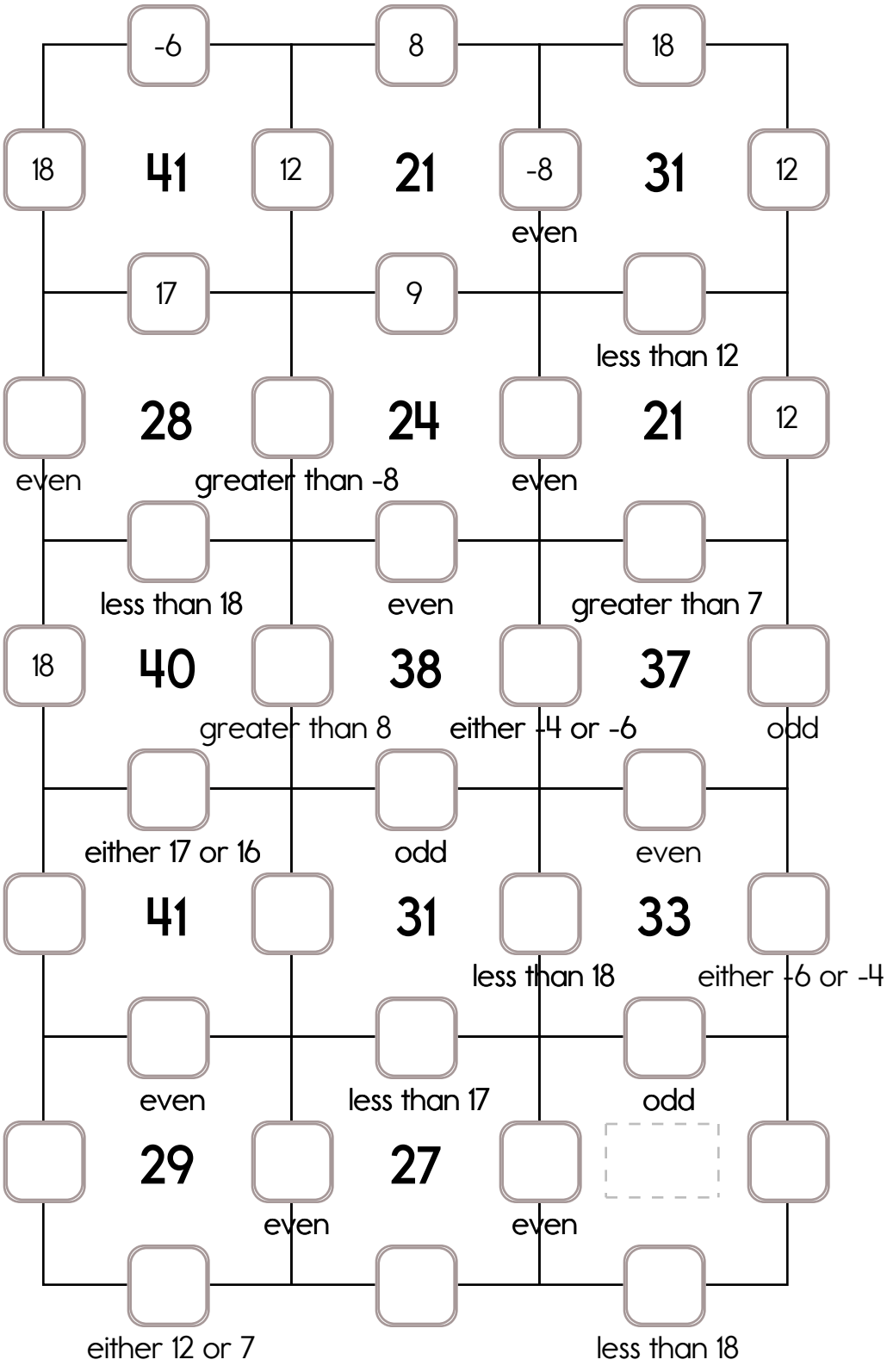


Name: _____

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: -8, -6, or -4.

The other three numbers have to all be DIFFERENT and must be from these: 18, 17, 9, 16, 12, 8, or 7.



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CLASS RULES
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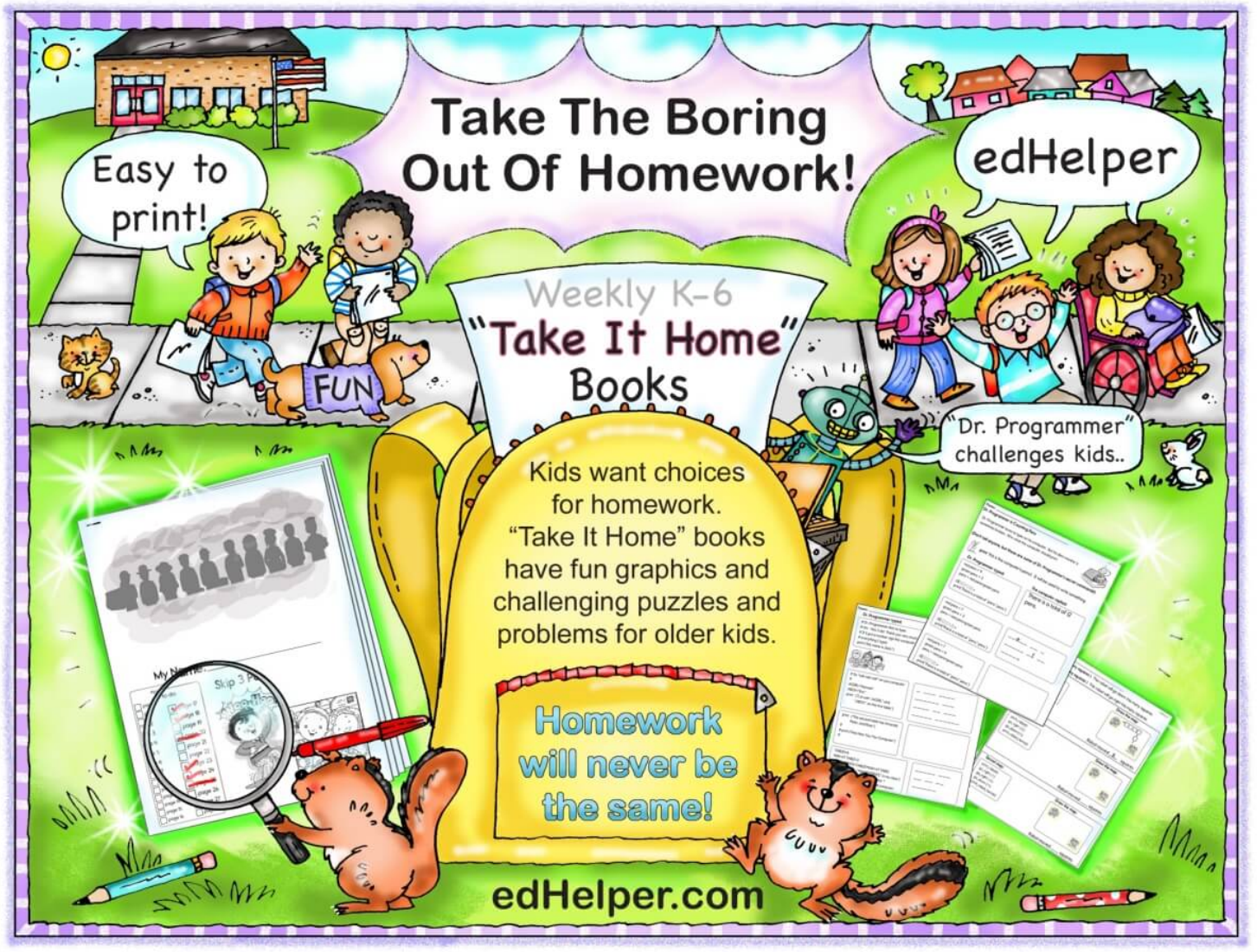
More puzzles!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