1	+1		+2		+3		-3		+3	
3										-1
-2										-2
+3										+1
-1										+1
+2										+2
-1										-3
										5
-1										-2
	-3		+2		+1		+3		-3	

Name: _____

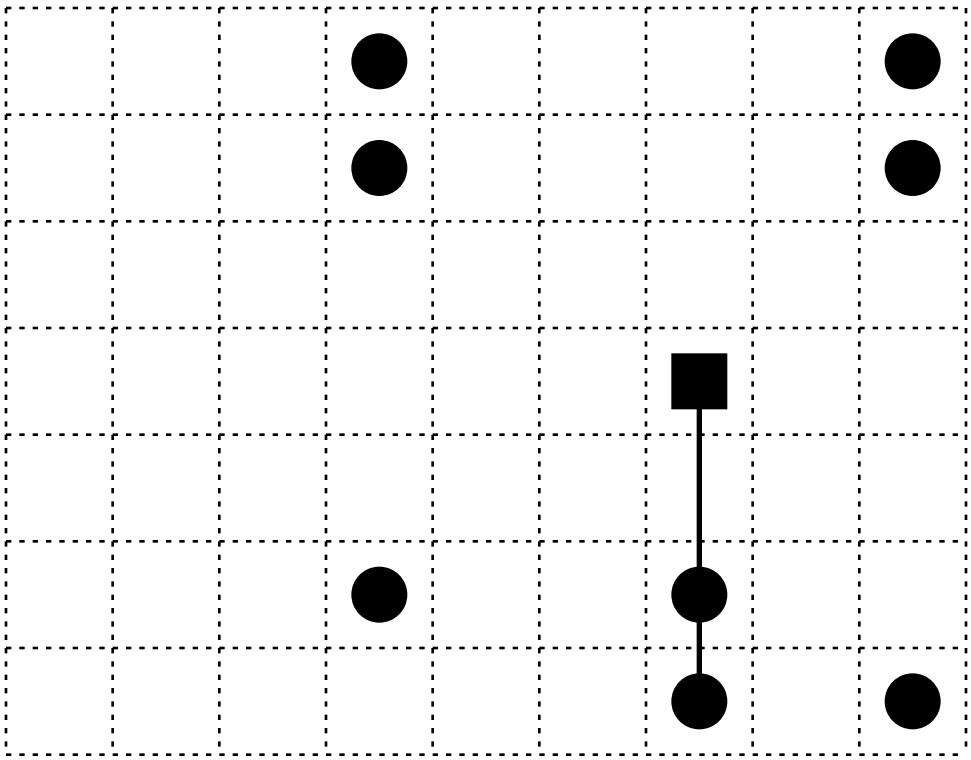
Pick 16 to do: Skip 2 pages.

- ☐ page 1
- ☐ page 2
- ☐ page 3
- ☐ page 4
- ☐ page 5
- ☐ page 6
- ☐ page 7
- ☐ page 8
- ☐ page 9
- ☐ page 10
- ☐ page 11
- ☐ page 12
- ☐ page 13
- ☐ page 14
- ☐ page 15
- ☐ page 16
- ☐ page 17
- ☐ page 18

Challenge Math

Book 29

Start on the square. Draw exactly 5 lines without picking up your pencil to connect all the circles.



Name: _____

Becky the duck just got in line for the balloon ride. She is the last in line.
The balloon ride is fun. It takes 1 minute for an animal to get in the balloon. Then they ride for 2 minutes.
How long will it be until it is Becky's turn?

Show your work.

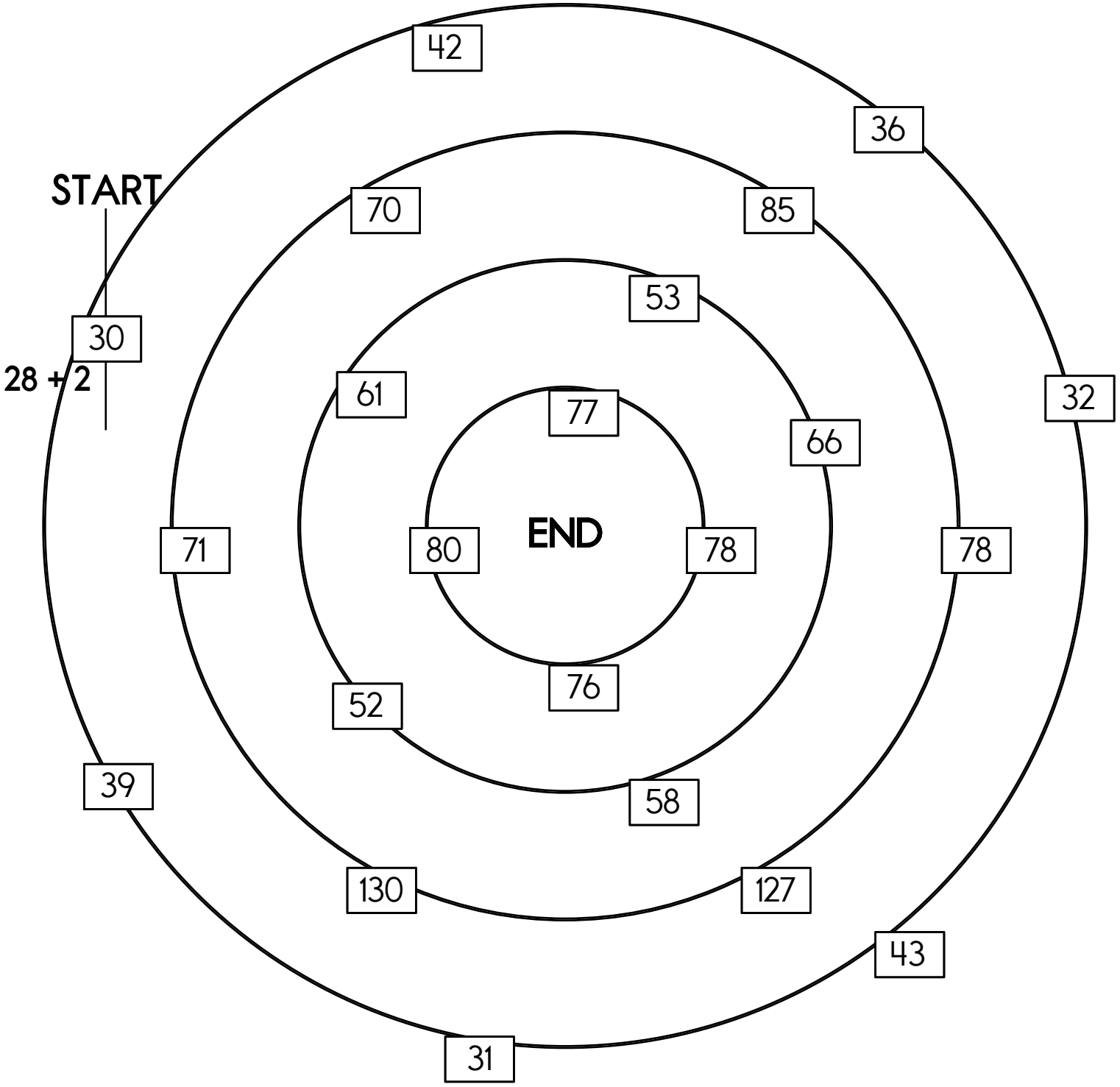
Name: _____

Draw a line from START to END.

~~28 + 2~~ 63 + 7 46 + 6

74 + 2

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



Name: _____

Puzzle:

9	9	18
		11
13	16	+

Work Area:

9	9	18
		11
13	16	+

The sum for each column and row is given.

= _____ = _____

Puzzle:

		12
		8
10	10	+

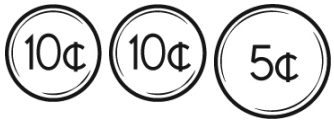
Work Area:

		12
		8
10	10	+

The sum for each column and row is given.

= _____ = _____

How much is this?



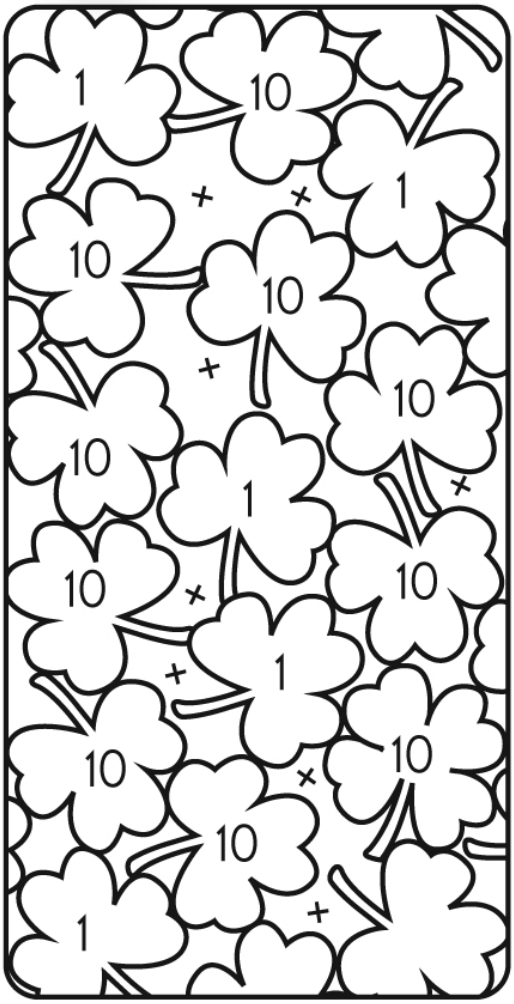
How many?

What is ten more than 62?

Name: _____

Add Up the Clovers

Can you find the four-leaf clover?



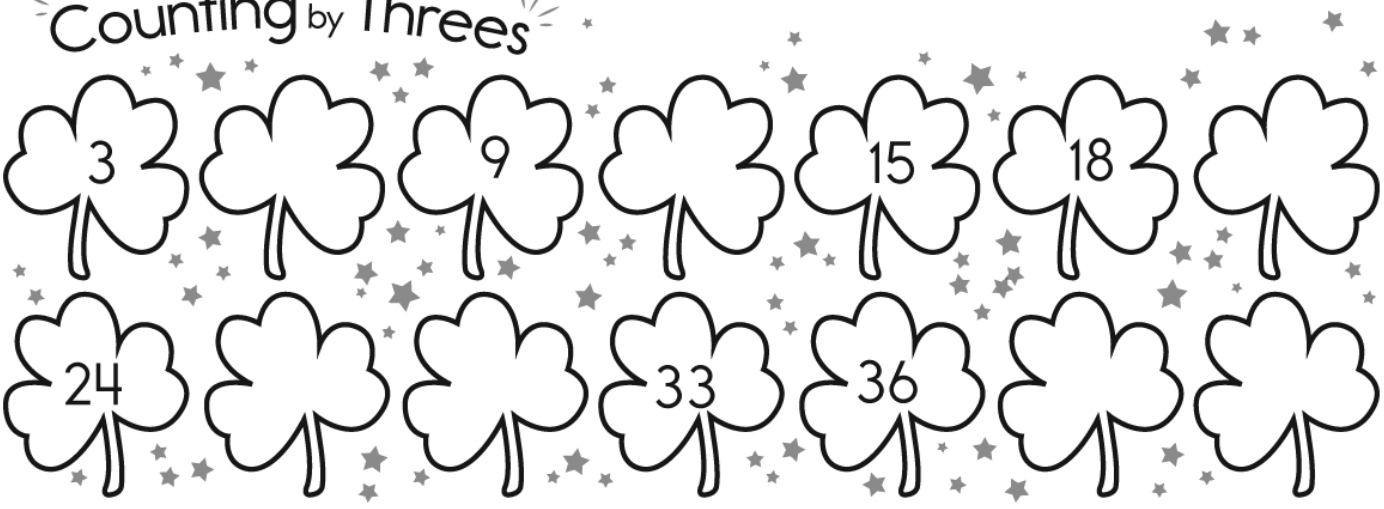
1 +8 = 11	2 +8 = 11	3 +8 = 12	4 +8 = 11	5 +8 = 10	6 +8 = 12	7 +8 = 12	8 +8 = 20
9 +8 = 11	1 +9 = 10	2 +9 = 11	3 +9 = 12	4 +9 = 13	5 +9 = 14	6 +9 = 15	10 +8 = 20
11 +8 = 25	7 +9 = 16	8 +9 = 17	9 +9 = 18	10 +9 = 19	11 +9 = 20	12 +9 = 21	12 +8 = 11
13 +8 = 30	13 +9 = 22			14 +9 = 23	15 +9 = 24	16 +9 = 25	14 +8 = 11
15 +9 = 29	18 +9 = 27	19 +9 = 28	20 +9 = 29	1 +9 = 10	2 +9 = 11	3 +9 = 12	16 +9 = 5
17 +8 = 5	18 +8 = 22	19 +8 = 8	20 +8 = 58	10 +1 = 20	11 +2 = 15	12 +3 = 21	13 +4 = 51

Color by Addition

true = GREEN

false = BLUE

Counting by Threes



Name: _____

The girls drink 5 pints of milk. The boys drink 8 pints of milk. How many pints of milk do they drink in all?

While Jacob sat on the curb, he saw three white cats and two black cats. How many cats did Jacob see?

Jan found four pins on the table. Mary found five pins on the table. How many pins did they find in all?

What is ten less than 87?

25 - ___ = 20

36 - ___ = 26

Five girls play soccer. Six more girls join them. How many girls play soccer?

Jacob liked to ride his bike. It made him very happy. One day he rode 5 miles. The next day he rode 2 miles. The next day he rode 4 more miles. How many miles did he ride in all?

Erin is left-handed. She wrote her name 6 times with her right hand. She wrote her name 7 times with her left hand. How many times did she write her name?

$$\begin{array}{r} 2 \\ +\ 5 \\ \hline \end{array}$$

29, 30, 31, ___, ___,

___, ___

How many nickels do you need if you want to have exactly 25 cents?

Name: _____

Peter walked 2 blocks to the store. He bought some socks. He walked 3 blocks to his grandmother's house. He walked 2 blocks home. How far did he walk in all?

Eric is counting trucks. He counted five blue trucks. He counted seven red trucks. He counted two brown trucks. How many trucks did he count in all?

Eric planted an oak tree in his yard. It was 2 feet tall. It grew and grew. One year later the tree was 6 feet tall. How many feet did the tree grow in one year?

$$\begin{array}{r} 2 \\ -\ 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +\ 1 \\ \hline \end{array}$$

How many nickels do you need if you want to have exactly 15 cents?

Wendy has 16 bird pins. Three are bluebirds, four are robins, and the rest are hummingbirds. How many hummingbird pins does she have?

April has a hug chart. Every day she writes down how many hugs she gets. On Monday, she got six hugs. On Tuesday, she got five hugs. On Wednesday, she got seven hugs. On Thursday, she got eight hugs. How many hugs did she get in all?

David picked up 8 old cans. Robert picked up 3 old cans. How many more cans did David pick up?

$$\begin{array}{r} 9 \\ -\ 7 \\ \hline \end{array}$$

E, J, F, K, G, L,

_____, M, I, N

What is ten more than 67?

Name: _____

Write in numbers that come before.

___ 61

___ 96

___ 30

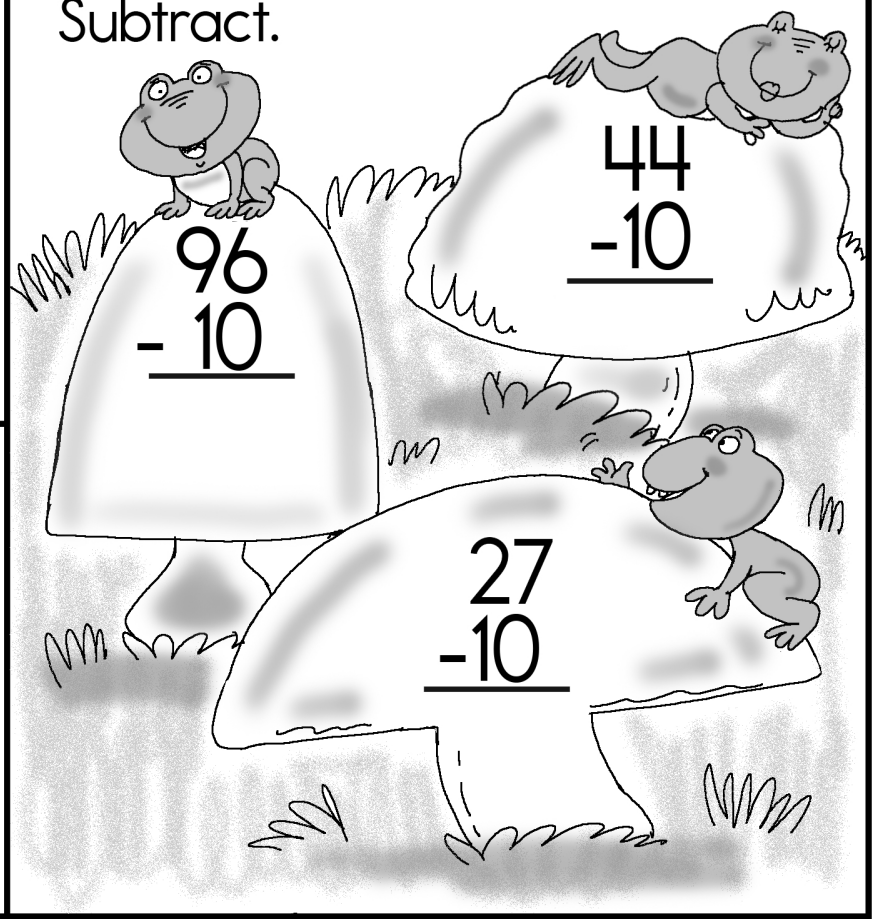
Write in numbers that come after.

25 ___

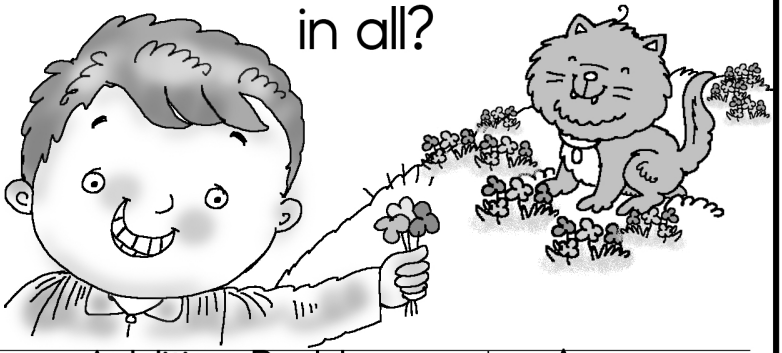
88 ___

29 ___

Subtract.

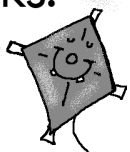


Sam picked eleven clovers in the morning. That afternoon he picked four more. How many clovers does he have in all?



Addition Problem	Answer

Fill in the blanks.



110 ___ ___

___ ___ 115

116 ___ ___

___ 120

©edHelper

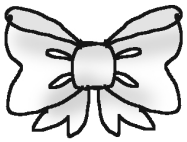
Name: _____

Use the number code to spell the name of this cat.

1=o 2=i 3=l
n=4 5=L 6=c

_ _ _ _ _ _ _
5 2 4 6 1 3 4

Write the compound word that the pictures make.

+  =

_____

+ =

_____

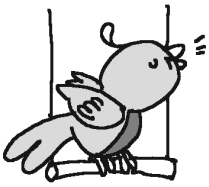
+ =

_____

Write in the missing consonants of these pets.

_ i _ _

_ o _



_ i _ _

©edHelper

Name: _____

1. Color the music notes to match the text. ➡
2. To get from start to end, you can move up, down, left, or right. You must have at least one of each color in your path. Color the music notes below to show four possible paths.

START	red	red	green	purple
orange	red	red	red	purple	orange
yellow	orange	purple	yellow	yellow	blue
orange	red	green	green	green	blue	red	green
blue	red	blue	purple	purple	blue	END	yellow

* You must use all of the music notes below.

START red orange purple yellow red END

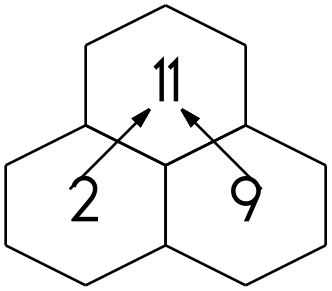
START END

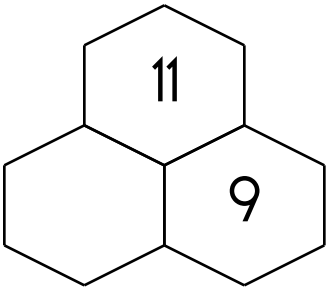
START END

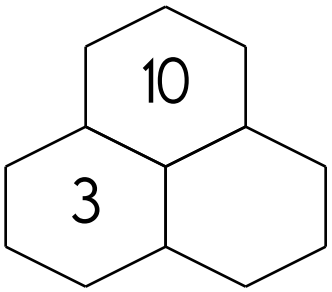
START END

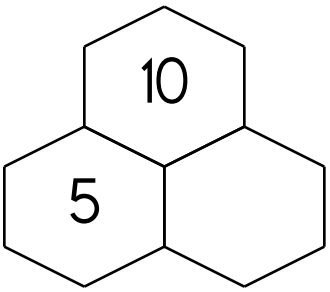
Name: _____

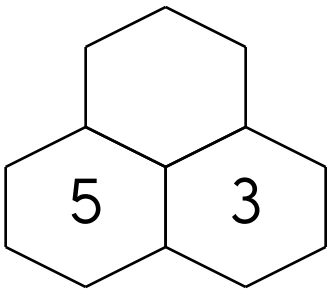
Fill in the blanks by adding the two numbers below each hexagon.

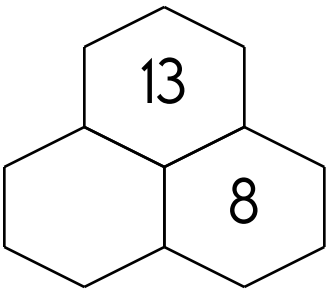


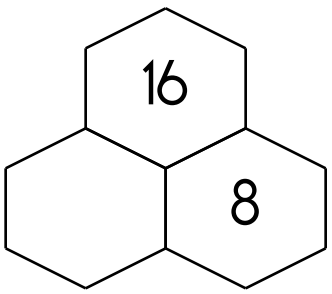


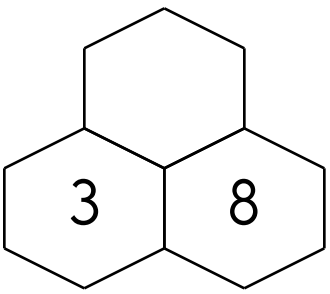












29, ___, ___, 32, 33,

___

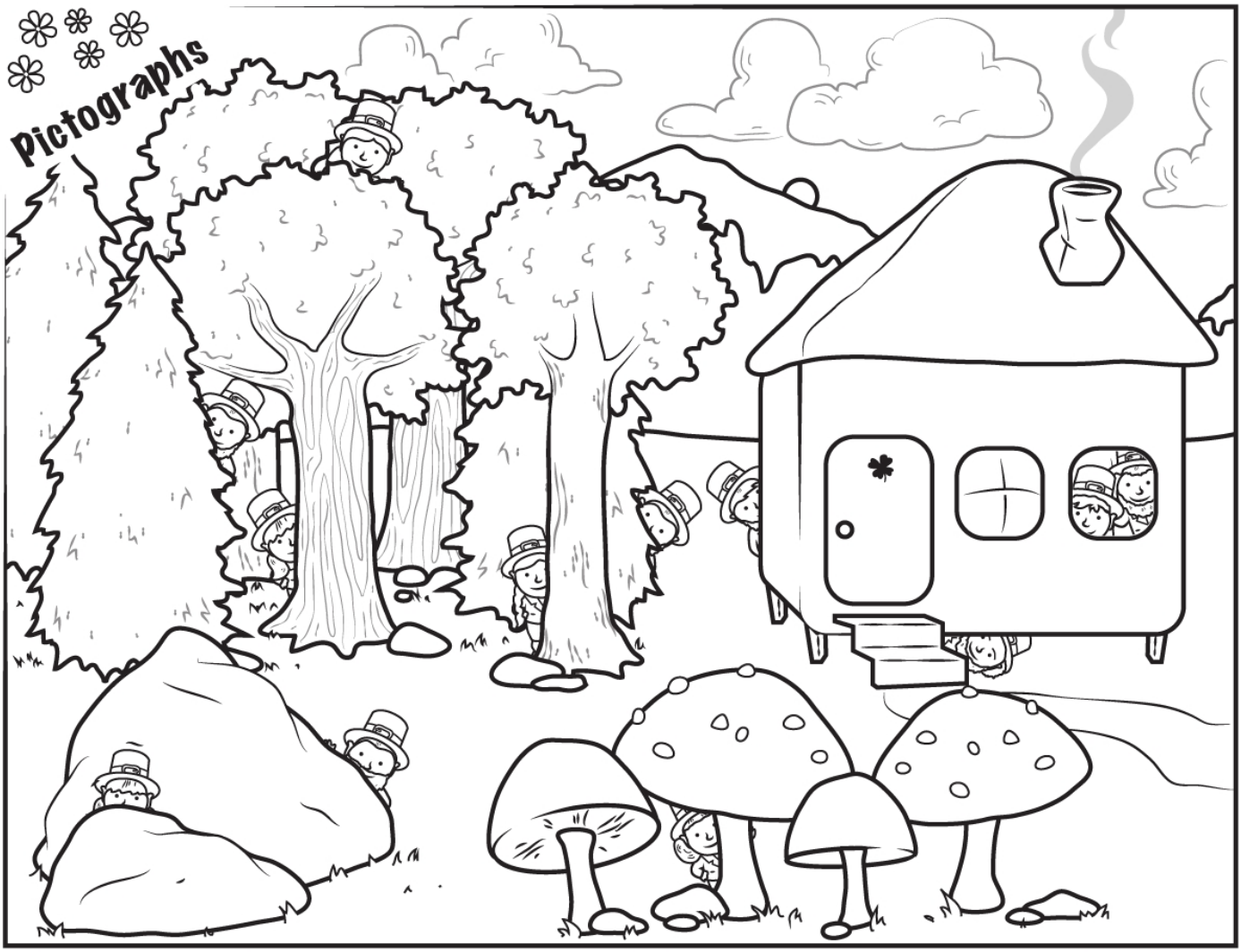
Double two.

$$\begin{array}{r} 10 \\ +\ \ 6 \\ \hline \end{array}$$

word root **duct** can mean **lead** **abduct, abduction, deduct**

Name: _____

Pictographs



There are leprechauns hiding in the forest, in and around the house, behind the mushrooms, and behind the big rocks. For each leprechaun, draw a shamrock into the pictograph.

forest	
mushrooms	
rocks	
house	

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Name: _____

- [x] 7 + 6 = **13**
- [ ] 7 + 5 =
- [ ] 6 + 9 =
- [ ] 1 + 6 =
- [ ] 9 + 3 =
- [ ] 5 + 5 =
- [ ] 2 + 4 =
- [ ] 2 + 3 =
- [ ] 2 + 2 =
- [ ] 8 + 5 =
- [ ] 9 + 7 =

11	15	7	16	1	22	2	23	6	9	15	2	12	1	12	6
7	21	5	11	6	6	2	1	2	11	7	10	2	4	6	8
3	1	5	3	2	15	5	15	5	4	2	6	6	9	6	13
2	9	4	11	9	3	6	2	5	27	14	11	6	15	6	10
2	2	4	7	10	3	22	11	12	6	7	8	5	14	13	7
1	6	5	5	13	2	12	4	2	13	2	6	5	6	2	28
13	6	0	11	8	13	10	13	5	5	9	4	1	13	3	2
12	16	7	6	13	19	7	1	8	23	13	9	2	5	2	4
13	5	14	5	5	10	4	2	3	4	4	7	20	7	1	1
13	6	6	5	4	2	3	13	3	6	23	3	3	23	11	7
6	12	4	7	+	6	=	13	2	8	5	5	9	28	7	2	4	6
9	11	19	1	12	5	2	15	1	5	3	11	10	7	3	2
8	7	5	12	13	5	3	13	12	19	11	6	7	2	9	13
12	11	5	5	3	9	16	4	6	5	10	9	7	16	10	5

Write operation.

Write = sign.

Circle.

- [x] 2 + 4 = **6**
- [ ] 8 + 7 =
- [ ] 7 + 5 =
- [ ] 3 + 6 =
- [ ] 8 + 3 =
- [ ] 9 + 3 =
- [ ] 2 + 5 =
- [ ] 9 + 4 =
- [ ] 3 + 7 =
- [ ] 2 + 6 =
- [ ] 9 + 8 =

8	5	6	2	3	12	2	15	8	7	1	9	9	10	10	16
12	10	23	6	2	+	4	=	6	9	14	7	16	8	6	3	4	4
6	4	7	8	6	4	6	3	26	9	15	4	18	8	16	26
2	7	5	14	4	3	2	8	9	3	2	16	8	6	3	9
11	5	5	8	7	4	7	1	9	3	12	2	7	17	12	3
5	8	7	12	3	7	10	11	7	8	12	15	9	4	13	8
16	9	8	17	28	7	2	6	8	9	11	15	4	5	2	3
1	7	8	9	9	12	9	3	17	2	3	2	5	6	4	2
5	7	7	8	3	16	9	3	6	9	8	7	7	9	13	3
14	25	2	15	3	3	17	4	6	1	12	13	5	6	9	8
14	2	11	8	13	11	20	22	14	7	3	12	4	14	5	6
13	9	1	9	13	7	25	8	2	11	3	13	11	17	16	6
4	3	2	16	2	6	6	7	3	14	1	11	7	7	11	6

Name: _____

Fill in the missing numbers.

Only rule - The same number CAN NOT be next to each other, in ANY direction.

Dark lines surround a block. Numbers to use in a block:

A block with 1 space has to be the number 1.
A block with 2 spaces must have the numbers 1 and 2.
A block with 3 spaces must have the numbers 1, 2, and 3.
A block with 4 spaces must have the numbers 1, 2, 3, and 4.

2	4	1	3	2
1	3	2	4	1
		1	3	2
		2	4	1

An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

1 3 2 4

3	4	3		3
2	1	2		2
4	3	4		4
1	2	1		1

An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

3 1 2 4

4	2	1	
1	3		2
4		1	3

Hint - These numbers are missing:

2 4 3

3	4		1
2	1	3	
3	4		1

Hint - These numbers are missing:

4 2 2

nineteen

○ 11 ○ 19 ○ 2

Write the missing sign.

12 ___ 2 = 10

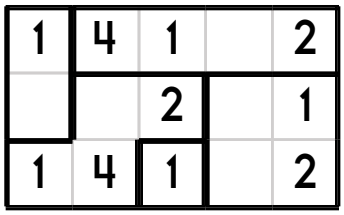
2 + 3 = ☐

2 + 3 = ☐

Name: _____

Fill in the missing numbers.

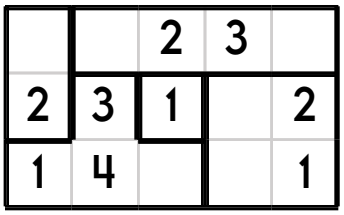
Only rule - The same number CAN NOT be next to each other, in ANY direction.



1	4	1		2
		2		1
1	4	1		2

Hint - These numbers are missing:

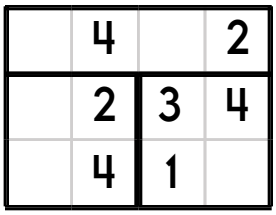
2 4 3 3 3



		2	3	
2	3	1		2
1	4			1

Hint - These numbers are missing:

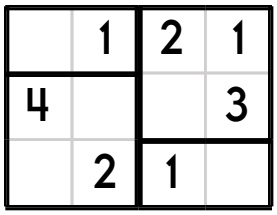
3 4 1 2 1 4



	4		2
	2	3	4
	4	1	

Hint - These numbers are missing:

1 3 1 3 2



	1	2	1
4			3
	2	1	

Hint - These numbers are missing:

2 2 4 1 3

$$\begin{array}{r} 7 \\ +\ 5 \\ \hline \end{array}$$

48, 54, 60, 66,

_____, 78

49, ___, ___, ___, 53, 54,

___

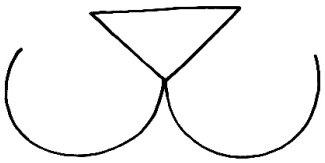
Count by 2s.

8 10 ____

Name: _____

Gavin has fifteen candy sticks. Anne has three candy sticks. How many candy sticks do Gavin and Anne have in all?	Four people sat on a bench. Three of them left. How many people are still sitting on the bench?	Jessica drew 7 fish on her paper. Rosa drew 2 fish on her paper. How many fish did they draw in all?

Add to these lines to draw a silly picture.
Turn your paper around if you need to.



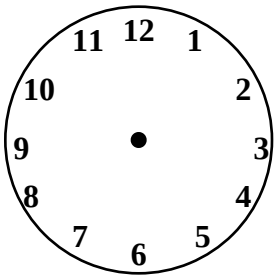
Write a sentence to describe your picture:

_____

_____

10 - 3

Show 3 o'clock.



2 + 3 = ☐

6 + 7 = ☐

What is the difference for 7 - 1?

○ 0 ○ 9 ○ 6 ○ 3

5 - 5 = _____

○ 0 ○ 2 ○ 5

4 tens and 3 ones

○ 43 ○ 2 ○ 4

LIE	V	I	J	E	L	I	E	L	T	E	F	L	I	O	D	P	N	G	X	I	Y	A
GET	G	E	O	S	F	G	E	T	G	T	J	E	G	E	E	H	T	H	P	T	A	G
GLAD	C	G	L	A	A	D	W	Q	Y	D	K	X	L	A	L	L	G	N	G	L	A	D

Name: _____

Cross off the number that does NOT belong.

5, 5, 4, 4, 5, 5, 4, 4, 4, 5, 5, 4, 4

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

5, 7, 9, 10, 11, 13, 15

Why does _____ not belong in the pattern?

Name: _____

Puzzle:

		7
9		13
12	8	+

Work Area:

		7
9		13
12	8	+

The sum for each column and row is given.

= _____ = _____

96, _____, _____, _____, _____, _____, 102

57 - ___ = 47

$$\begin{array}{r} 14 \\ -\ \ 6 \\ \hline \end{array}$$

How much is this?

A, A, G, A, A, _____, A, A, G, A, A, G, A, A, G

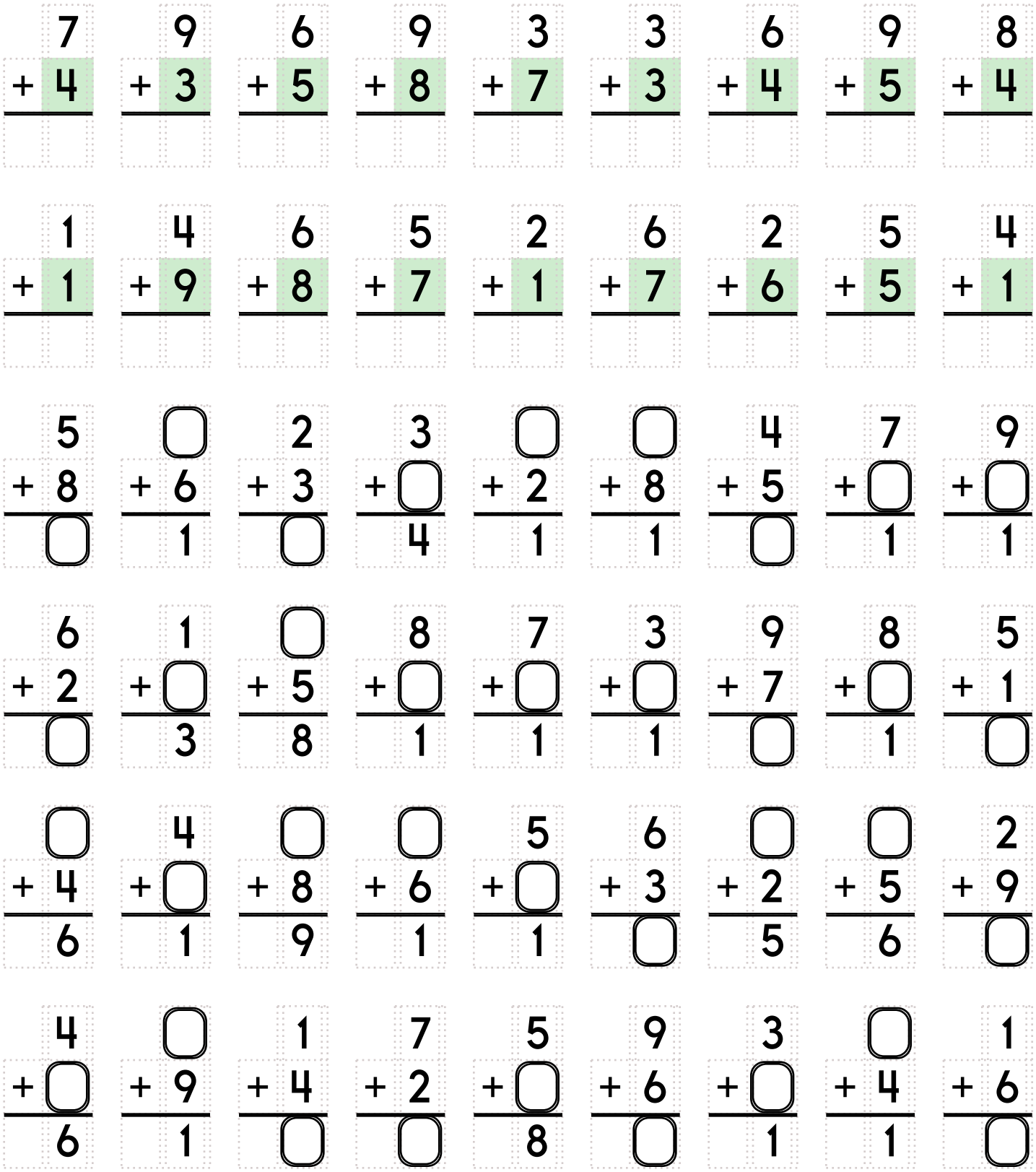
What is ten less than 56?

24 - ___ = 21

What is ten more than 68?

How many nickels do you need if you want to have exactly 30 cents?

Name: _____


7 + 4
9 + 3
6 + 5
9 + 8
3 + 7
3 + 3
6 + 4
9 + 5
8 + 4
1 + 1
4 + 9
6 + 8
5 + 7
2 + 1
6 + 7
2 + 6
5 + 5
4 + 1
5 + 8 = □
□ + 6 = 1
2 + 3 = □
3 + □ = 4
□ + 2 = 1
□ + 8 = 1
4 + 5 = □
7 + □ = 1
9 + □ = 1
6 + 2 = □
1 + □ = 3
□ + 5 = 8
8 + □ = 1
7 + □ = 1
3 + □ = 1
9 + 7 = □
8 + □ = 1
5 + 1 = □
□ + 4 = 6
4 + □ = 1
□ + 8 = 9
□ + 6 = 1
5 + □ = 1
6 + 3 = □
□ + 2 = 5
□ + 5 = 6
2 + 9 = □
4 + □ = 6
□ + 9 = 1
1 + 4 = □
7 + 2 = □
5 + □ = 8
9 + 6 = □
3 + □ = 1
□ + 4 = 1
1 + 6 = □

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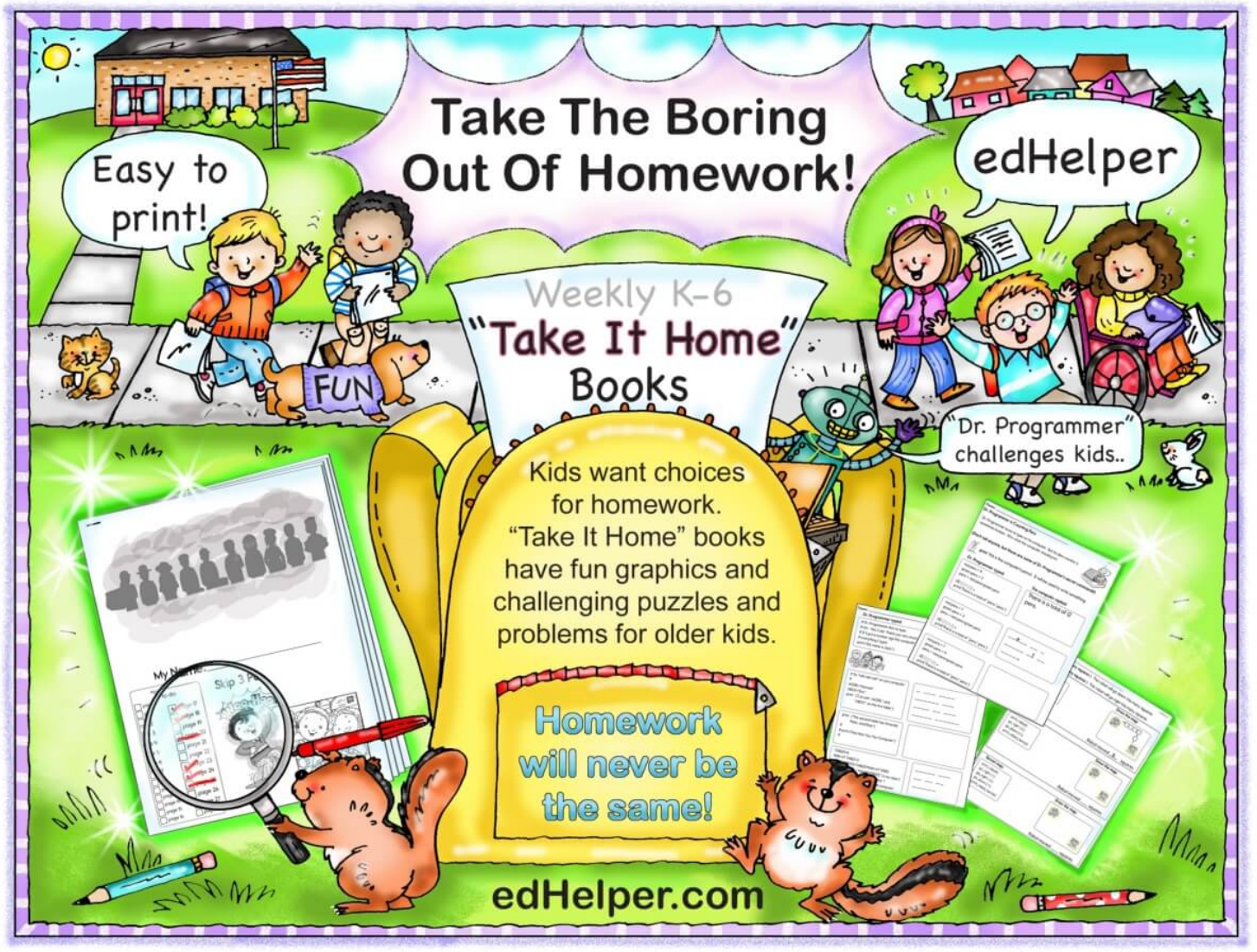
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