

9	-1		-3		+9		-8		-5	
---	----	--	----	--	----	--	----	--	----	--

Name: _____

Pick 17 to do:

☐ page 1

☐ page 6

☐ page 11

☐ page 16

☐ page 2

☐ page 7

☐ page 12

☐ page 17

☐ page 3

☐ page 8

☐ page 13

☐ page 18

☐ page 4

☐ page 9

☐ page 14

☐ page 19

☐ page 5

☐ page 10

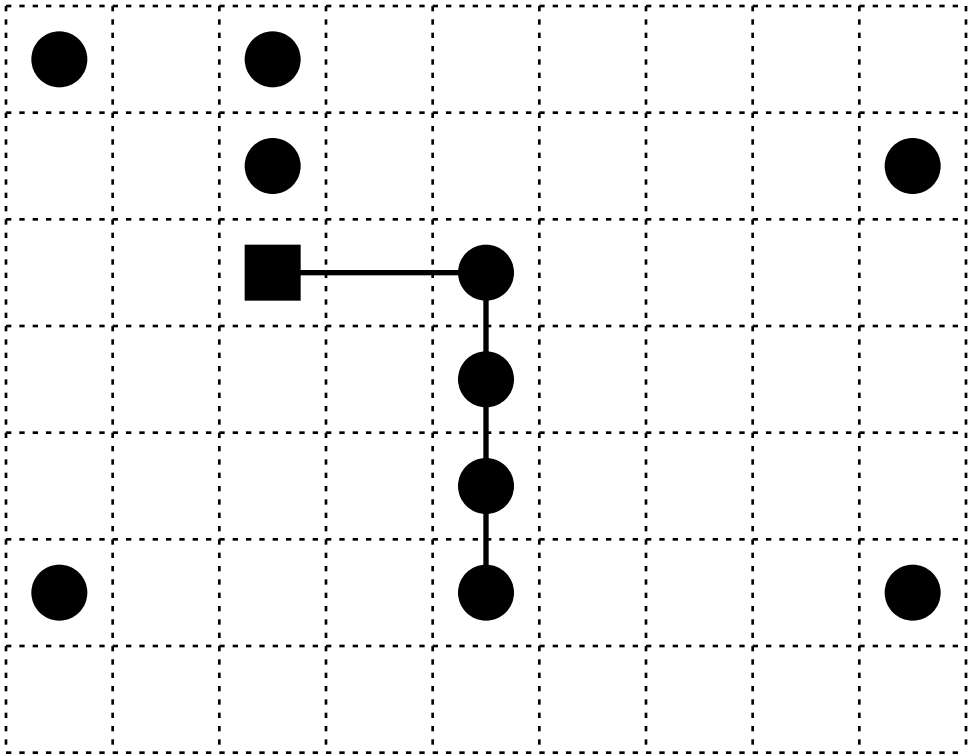
☐ page 15

Skip 2 pages.

Challenge Math Book 42



Start on the square. Draw exactly 8 lines without picking up your pencil to connect all the circles.



13
-6
+7
+7
-14
+5
+6

+26
-18
-4
-4
+16
-9
8
+2

	-2		-3		-6		+1		+8	
--	----	--	----	--	----	--	----	--	----	--

Name: _____

Sara wants to buy a book of poetry. She shook a handful of coins out of her bank. There were 13 pennies, 7 nickels, 10 dimes, and 1 quarter in her hand. If Sara put the coins in a box and you picked one at random, which coin would you most likely pick?

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

Mrs. Jackson drives a mail truck. She brings the mail to the houses on our street. Today she brought thirty-six letters to the houses on our street. She brought fifty-six letters to the houses on Elm Street. How many more letters did she bring to the houses on Elm Street?

A magician is coming to Mountain Springs Elementary School. He will do magic tricks for the first and second grade students. There are 58 girls in the first grade and 72 girls in the second grade. There are 79 boys in the first grade and 80 boys in the second grade. How many first and second grade students are there in all?

8 tens and 4 ones

☐ 48 ☐ 84 ☐ 4

Which number is odd?

☐ 14 ☐ 13 $7 + 3 + 8$ ☐ 14 ☐ 15 ☐ 18

$22 + 5 = \underline{\hspace{2cm}}$

$57 - 7 = \underline{\hspace{2cm}}$

☐

I did page 2

☐

I decided to skip this page
edHelper

Name: _____





Allie and Dana wrote thank you notes to their teachers for the last day of school. Allie wrote 5 thank you notes. Dana wrote 9 thank you notes.

How many thank you notes were written in all?

How many more thank you notes did Dana write than Allie?

Name: _____

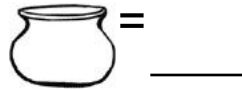
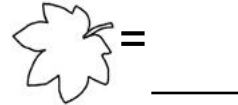
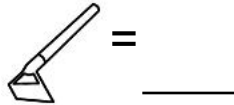
Puzzle:

5	5		13
5		5	16
		5	18
14	20	13	+










Work Area:

5	5		13
5		5	16
		5	18
14	20	13	+

The sum for each column
and row is given.



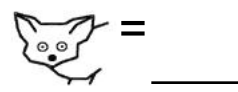
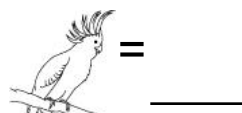
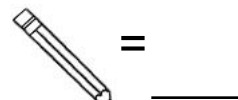
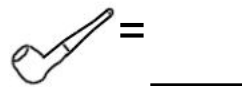
Puzzle:

			13
			18
			7
12	10	16	+

Work Area:

			13
			18
			7
12	10	16	+

The sum for each column
and row is given.



Name: _____

Sara was with her mom in the parking lot at the mall. Guess what? They couldn't find their car!

"Hmm," Sara texted her friend. "The parking lot is full. There are 3 rows of cars and each row has 5 cars."

"How can you NOT find your car? That's not many cars," replied Jen.

"Yeah, but they are all the same type of car. AND they are all blue. Weird. This is like a bad dream," replied Sara.

"That's not possible," replied Jen. "I bet they all have four tires."

Jen was correct. All the cars had four tires. How many tires were in the parking lot? Bet you can't figure THAT out! Good luck!

Show your work.

Name: _____

**FUN
BREAK!**

Play a game online!

edHelper.com/math-games.htm**I PLAYED
ONE
GAME**☐(Check the
box after
you play.)**MY SCORE**



	5	8
+		1
<hr/>		

____ - 10 = 7

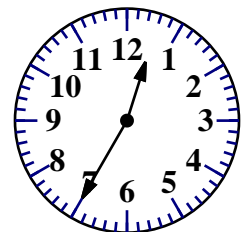
17 - ____ = 14

Holly started school with 9 pencils in her desk. She counted her pencils. She only has 3. How many pencils has she used?

A two-digit odd number has a 5 in the tens place. The sum of the ones and tens digits is 6. What is the number?

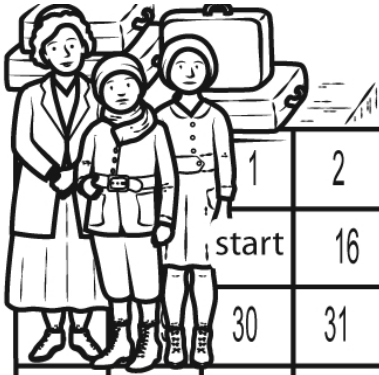
There were twenty-two kids on the bus. At the first stop three kids got off. How many kids are still on the bus?

What time is it?



____:____

Name: _____



Complete each path from the immigrants to Ellis Island. You can move in any direction— vertically, horizontally, or diagonally. You must skip over one square and land on the next.

1	2	3	4	5	6	7	8	9	10	11	12	13
start	16	17	18	19	20	21	22	23	24	25	26	27
30	31	32	33	34	35	36	37	38	39	40	41	42
43	44	45	46	47	48	49	50	51	52	53	54	55
58	59	60	61	62	63	64	65	66	67	68	69	70
73	74	75	76	77	78	79	80	81	82	83	84	85
88	89	90	91	92	93	94	95	96	97	98	99	100
103	104	105	106	107	108	109	110	111	112	113	114	115
118	119	120	121	122	123	124	125	126	127	128	129	130
133	134	135	136	137	138	139	140	141	142	143	144	146
147	end											

start	47	79	111			146	end
-------	----	----	-----	--	--	-----	-----

start	45		109			143		end
-------	----	--	-----	--	--	-----	--	-----

start	17			23		87		end
-------	----	--	--	----	--	----	--	-----

start		43		105			111		115	end
-------	--	----	--	-----	--	--	-----	--	-----	-----

start			105	103					83		end
-------	--	--	-----	-----	--	--	--	--	----	--	-----

start		19				111			87		end
-------	--	----	--	--	--	-----	--	--	----	--	-----

start		77		81		85		end
-------	--	----	--	----	--	----	--	-----



Name: _____

Fresh Fruits

Summer offers us delicious fresh fruits. Use this code to find what some of them are.



● = l

■ = u

♥ = c

■ = o

★ = p

✓ = e

△ = t

◻ = h

\$ = m

◐ = n

● = b

○ = a

★ = s

△ = r

◻ = i

◻ = n

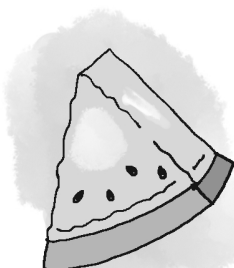


↘ = w

♥ ○ ◐ △ ○ ● ■ ■ ★ ✓

● ● ■ ✓ ● ✓ △ △ ◻ ✓ ★

★ △ △ ○ ↘ ● ✓ △ △ ◻ ✓ ★

↘ ○ △ ✓ △ \$ ✓ ● ■ ◻


♥ ◻ ✓ △ △ ◻ ✓ ★


Name: _____



$$\begin{array}{r} 14 \\ + 10 \\ \hline \end{array}$$

Estimate. Write an EVEN number. About how many pencils can you put into an empty backpack?

$$18 + \underline{\quad} = 22$$

$$\underline{\quad} + 16 = 21$$

$$7 - 5 = \underline{\quad}$$

$$5 + \underline{\quad} = 7$$

97, _____, _____, _____,
_____, _____, 103

27, 30, 33, 36,
_____, 42, 45

Jessica took an empty half gallon milk carton and filled it with jelly beans. Write a number to estimate how many jelly beans are in the milk carton.

Write these numbers in order from largest to smallest.

128, 155, 131, 196, 222

_____, _____, _____, _____,

Alex has thirteen dimes. Robert has no dimes, so Alex gave Robert four of his dimes. Who has more dimes now?

Name: _____

Jessica loves reading. She read 3 books this month. She plans to read 9 more. How many books will she read this month?

thirty-six plus eight equals

$$\begin{array}{r} 56 \\ - \quad 6 \\ \hline \end{array}$$

$$5 + 1 = \underline{\quad}$$

$$15 + 1 = \underline{\quad}$$

$$\begin{array}{r} 12 \\ + 50 \\ \hline \end{array}$$

$$15 = \underline{\quad} + 10$$

$$14 = \underline{\quad} + 10$$

$$18 = \underline{\quad} + 10$$

43 = tens + ones
25 = tens + ones
79 = tens + ones
80 = tens + ones

Draw 3 small squares.
Then color in some to show $\frac{1}{3}$.

0, 0, 2, 2, 0, 0, 2, 2,
0, 0, _____, 2, 0, 0, 2,
2

Write the numbers.
twenty _____
twenty-four _____
ninety _____
ninety-two _____

14, 16, 18, _____, 22,
24, 26, 28, 30, 32

Amy took her empty backpack and filled it with tennis balls. Estimate how many tennis balls you think she was able to fit into her backpack.

Name: _____

Find 2 equations hidden in each box. Good luck!

12

$9 + 2$

9

$3 + 0$

3

8

$1 + 3$

11

Write 2 equations: _____

7

8

$3 - 1$

4

3

$9 - 4$

$9 - 1$

$7 - 0$

Write 2 equations: _____

10

$2 + 5$

9

18

$2 + 8$

8

$7 + 1$

15

Write 2 equations: _____

Name: _____



Write the numbers.

nine _____

thirteen _____

seventeen _____

16, 17, _____, _____, 20,

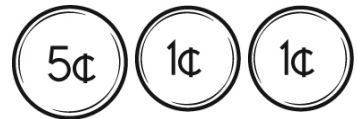
_____, _____, _____, 24, 25, 26,

_____, _____

How much is this?



How much is this?



$$\begin{array}{r} 9 \\ - 6 \\ \hline \end{array}$$

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

30, 41, 52, 63,

_____, 85, 96

Jenna has five tickets to the middle school play. She gave Rosa a ticket. She gave two tickets to April. How many tickets does Jenna have left?

There were thirteen kids on the playground. Four of them came inside to read. How many kids are still on the playground?

☐

I did page 12

☐I decided to skip this page
edHelper

Name: _____

How many?



29, ____, ____, 32, 33,

$$\begin{array}{r} 1 \\ + 8 \\ \hline \end{array}$$

What comes before
and after?

____, 82, ____

____, 102, ____

____, 113, ____

twenty-one minus eight equals

Amy has 10 squishies. She
collects them! She has 4
red ones. The rest are
yellow. How many
squishies are yellow?

six plus seven equals

How many dots on the bug?



$$\begin{array}{r} 1 \ 1 \\ + 1 \ 0 \\ \hline \end{array}$$

A, E, I, ____, Q, U,
Y

$$\begin{array}{r} 1 \ 5 \\ - \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \ 2 \\ + 1 \ 0 \\ \hline \end{array}$$

36, 45, 54, 63, 72,
____, 90, 99, 10816, ____, ____, ____,
____, 21, 22

$$\begin{array}{r} 3 \ 6 \\ - \quad 2 \\ \hline \end{array}$$

Name: _____

☒ $8 + 4 = 12$

☐ $4 + 6 =$

☐ $10 + 8 =$

☐ $10 + 9 =$

☐ $10 + 3 =$

☐ $2 + 8 =$

☐ $8 + 11 =$

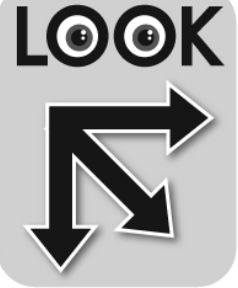
☐ $3 + 3 =$

☐ $9 + 2 =$

☐ $4 + 2 =$

☐ $7 + 9 =$

12	8	10	6	2	9	3	4	24	12	8	10	1	6	19	1
6	7	10	16	2	2	18	7	16	13	5	3	8	10	7	2
17	6	12	6	18	11	15	2	18	2	29	13	15	12	12	10
4	6	15	14	12	20	2	19	10	9	19	11	2	7	8	7
3	6	2	28	18	21	9	10	9	15	11	14	2	5	6	17
4	9	10	4	21	16	6	26	1	10	8	17	10	3	3	16
16	7	16	13	2	12	11	9	9	10	12	4	10	2	2	29
5	9	8 + 4 = 12	8	14	2	8	11	19	3	16	17	1	15		
7	16	4	14	8	6	15	8	8	14	4	15	2	9	13	10
12	18	4	4	8	11	4	10	7	12	20	16	4	18	2	15
10	1	7	15	3	19	10	2	9	3	26	8	4	10	15	7
17	3	7	10	3	3	10	15	6	18	2	10	24	6	3	9
9	15	8	13	7	12	6	7	18	14	14	8	13	15	12	7
4	2	6	19	10	14	19	2	17	29	9	18	4	11	3	10



Write
operation.
Write = sign.
Circle.

☒ $2 + 4 = 6$

☐ $3 + 12 =$

☐ $11 + 5 =$

☐ $9 + 12 =$

☐ $12 + 10 =$

☐ $10 + 11 =$

☐ $6 + 9 =$

☐ $10 + 7 =$

☐ $2 + 5 =$

☐ $11 + 4 =$

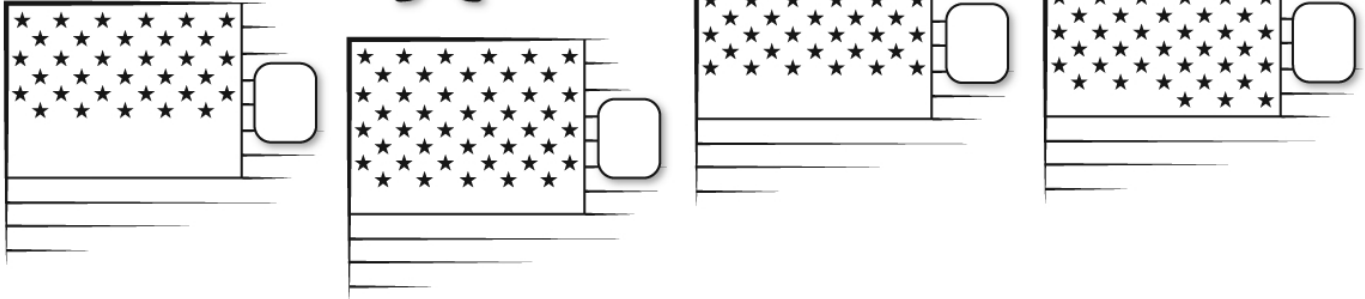
☐ $11 + 9 =$

21	7	11	5	23	11	11	15	20	3	14	16	12	3	12	5
3	24	20	5	11	15	10	23	15	7	9	11	17	12	9	6
10	10	22	16	16	2	11	2	5	21	3	23	20	15	28	21
12	21	9	12	21	14	20	3	8	23	24	12	3	5	21	2
23	21	28	12	26	4	6	19	4	7	2	19	16	13	2	7
6	20	2	9	13	2	21	7	10	11	21	4	15	6	8	2
11	14	10	5	19	18	19	16	12	16	6	4	17	5	9	5
7	3	12	5	2	2	6	5	14	3	3	18	14	8	13	7
15	9	5	13	9	4	9	9	14	15	23	16	18	20	9	15
9	2	2 + 4 = 6	2	15	21	14	12	10	22	18	14	14	21		
8	7	11	10	8	18	12	17	13	11	10	5	6	4	22	10
12	12	4	4	23	6	10	7	17	9	9	18	10	11	19	13
14	3	21	11	15	9	13	18	3	20	25	19	7	2	18	22

Name: _____



Each flag should have 50 stars. ★
How many are missing from each flag?



Rounding
To the Nearest Ten

434 → 430

608 → ★

287 → ★

313 → ★

876 → ★

$\frac{3}{5}$

$\frac{1}{5}$

$\frac{2}{5}$







$\frac{5}{5}$

$\frac{4}{5}$

$\frac{3}{5}$

Name: _____

Puzzle:

	9		15
9			14
9			13
21	13	8	+

Work Area:

	9		15
9			14
9			13
21	13	8	+

The sum for each column
and row is given.












= _____



= _____

Puzzle:

			18
			18
			19
22	25	8	+

Work Area:

			18
			18
			19
22	25	8	+

The sum for each column
and row is given.



= _____



= _____



= _____



= _____



= _____

word root **avi** can mean **bird**

aviator, aviary

Name: _____

Draw a line from START to END.

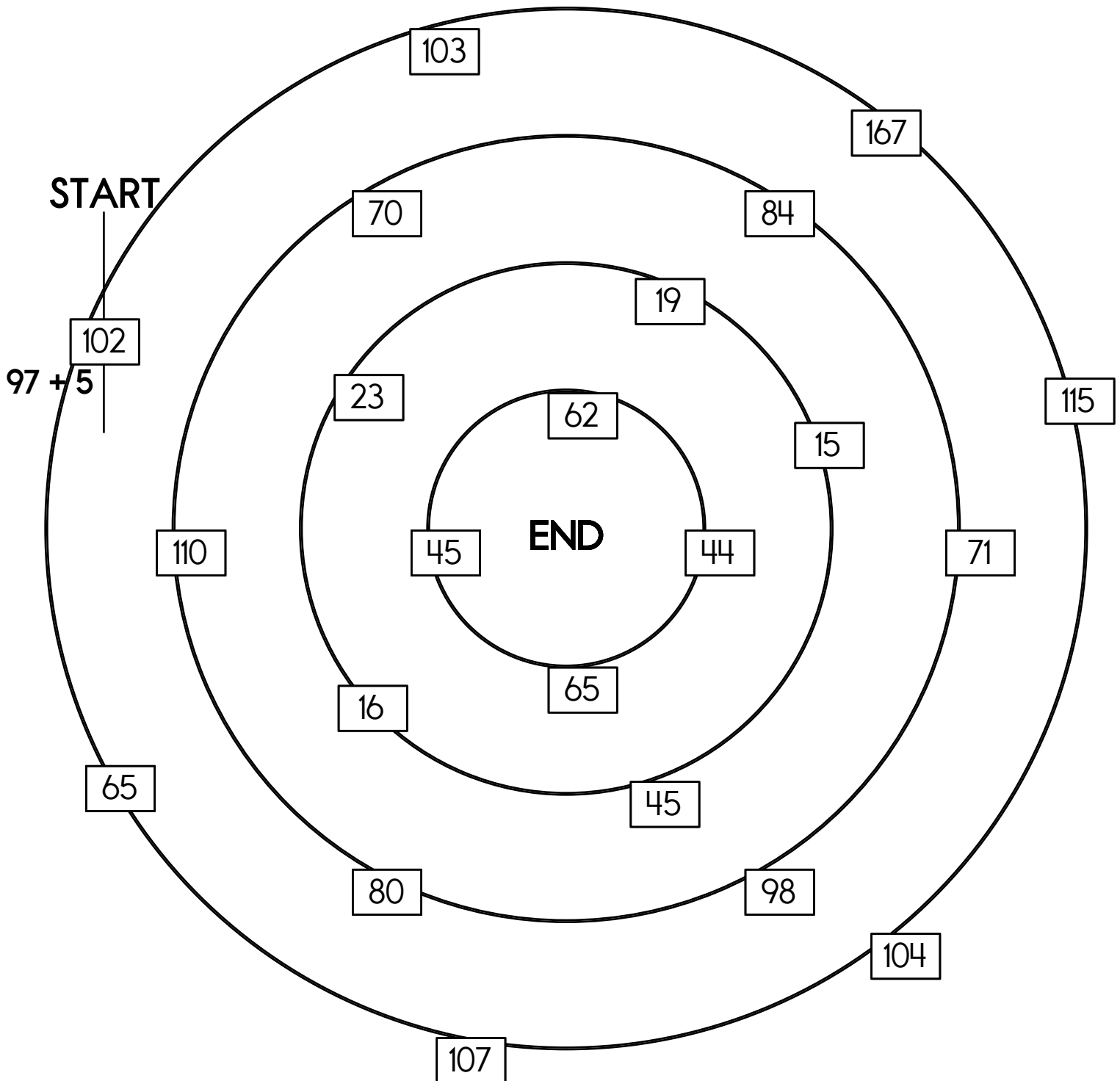
$10 + 5$

$42 + 2$

$65 + 5$

~~$97 + 5$~~

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



Name: _____

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$$\boxed{8} + \textcircled{10} = \underline{\quad}$$

$$8 + 10 = \underline{\quad}$$

Draw ○

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$$\boxed{3} + \textcircled{4} = \underline{\quad}$$

$$3 + 4 = \underline{\quad}$$

Draw □ and ○

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$$\boxed{2} + \textcircled{1} = \underline{\quad}$$

$$2 + 1 = \underline{\quad}$$

Draw □ and ○

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$$\boxed{5} + \textcircled{2} = \underline{\quad}$$

$$5 + 2 = \underline{\quad}$$

Draw □ and ○

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$$\boxed{10} + \textcircled{8} = \underline{\quad}$$

$$10 + 8 = \underline{\quad}$$

Draw □ and ○

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$$\boxed{4} + \textcircled{15} = \underline{\quad}$$

$$4 + 15 = \underline{\quad}$$

Name: _____

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$$\boxed{14} + \textcircled{6} = \underline{\hspace{2cm}}$$

$$14 + 6 = \underline{\hspace{2cm}}$$

Draw ○

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$$\boxed{1} + \bigcirc = 10$$

$$1 + \underline{\hspace{1cm}} = 10$$

Draw □ and ○

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$$\boxed{6} + \bigcirc = 12$$

$$6 + \underline{\hspace{1cm}} = 12$$

Draw □ and ○

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$$\boxed{13} + \bigcirc = 19$$

$$13 + \underline{\hspace{1cm}} = 19$$

Draw □ and ○

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$$\boxed{9} + \bigcirc = 17$$

$$9 + \underline{\hspace{1cm}} = 17$$

Draw □ and ○

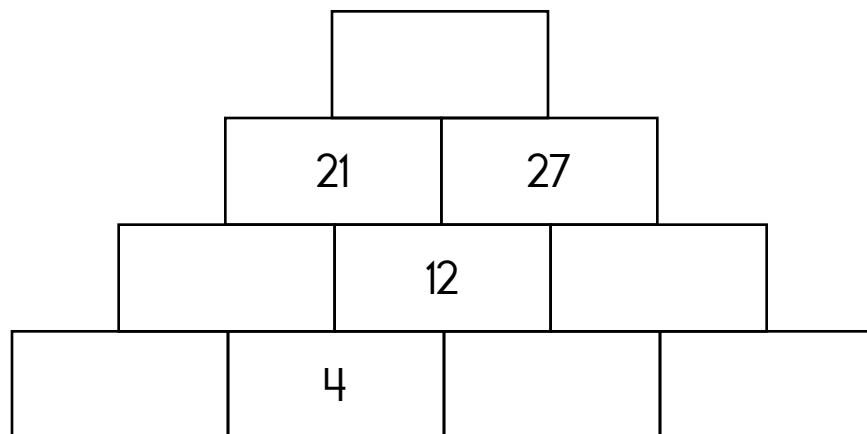
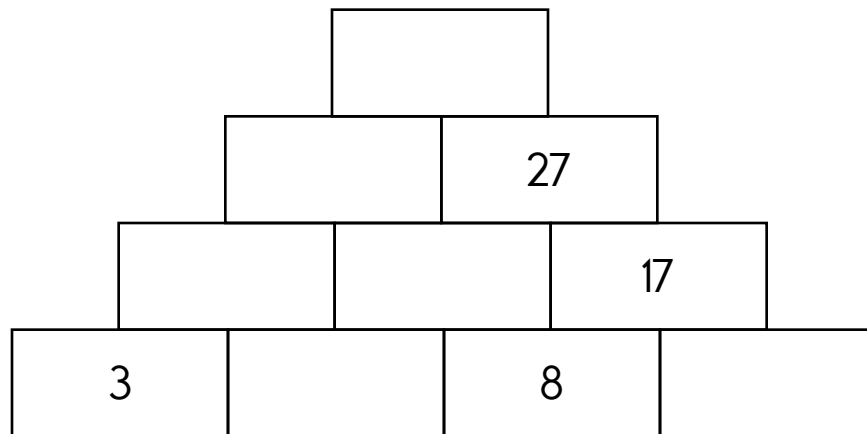
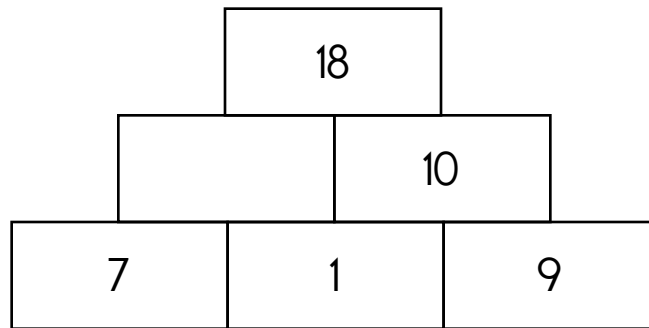
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$$\boxed{12} + \bigcirc = 13$$

$$12 + \underline{\hspace{1cm}} = 13$$

Name: _____

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



Thirteen is an even number.

yes no

$$\begin{array}{r} 75 \\ - 14 \\ \hline \end{array}$$



Write this number using words.



It's NO PREP at edHelper.

More history!



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