5	-3		-1		+3		+2		+2	
4										+1
+1										-3
-2										-3
+3										-2
+2										+1
-3										-2
										0
+1										+1
	+2		-3		-1		+2		+1	

Name: _____

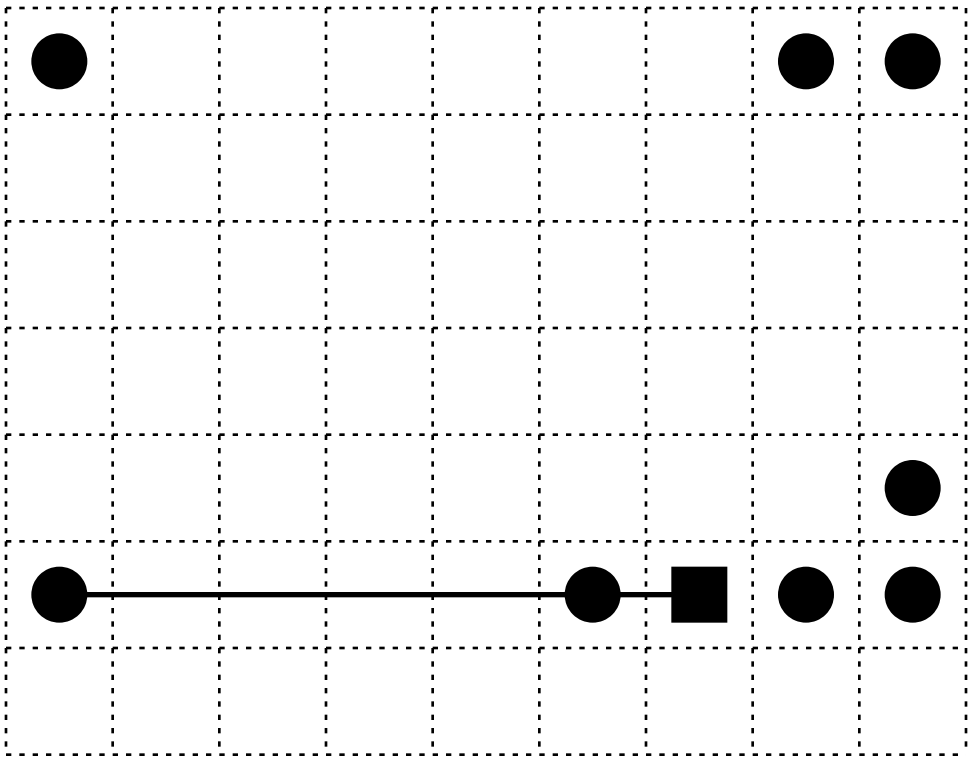
Pick 18 to do: Skip 2 pages.

- ☐ 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
- ☐ page 19
- ☐ page 20

Challenge Math

Book 28

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



☐ I did page 1 ☐ I decided to skip this page

edHelper

Name: _____

Puzzle:

		6
7	7	14
9	11	+

Work Area:

		6
7	7	14
9	11	+

The sum for each column and row is given.

= _____ = _____

Puzzle:

		10
		7
10	7	+

Work Area:

		10
		7
10	7	+

The sum for each column and row is given.

= _____ = _____ = _____

6, 8, 10, 12, 14,

_____, 18, 20

C, G, _____, O, S, W

What is ten more than 65?

Name: _____

Mom made 14 cupcakes for Dr. Seuss's birthday.
Bill ate 5 cupcakes. Kate ate 3 cupcakes. Dad ate 1 cupcake.
How many cupcakes did Dad and Kate eat together?

How many cupcakes were eaten in all?

How many more cupcakes did Bill eat than Dad?

After Bill, Kate, and Dad ate, how many cupcakes were left?

Name: _____

Put the addition or subtraction symbols in the boxes to make each true.

9 □ 1 = 8

4 □ 3 = 7

6 □ 5 = 11

10 □ 8 = 2

Finish this fact family of seven.

7 + 1 = 8

7 + 2 = ___

7 + 3 = ___

7 + 4 = 11

7 + 5 = ___

7 + 6 = 13

7 + 7 = ___

7 + 8 = ___

7 + 9 = 16

Switch the numbers in each equation to make a "reversal."

Ex.: 3 + 5 = 5 + 3

7 + 1 = ___ + ___

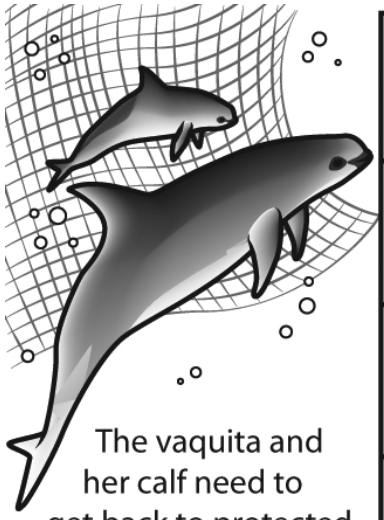
13 + 6 = ___ + ___

11 + 4 = ___ + ___

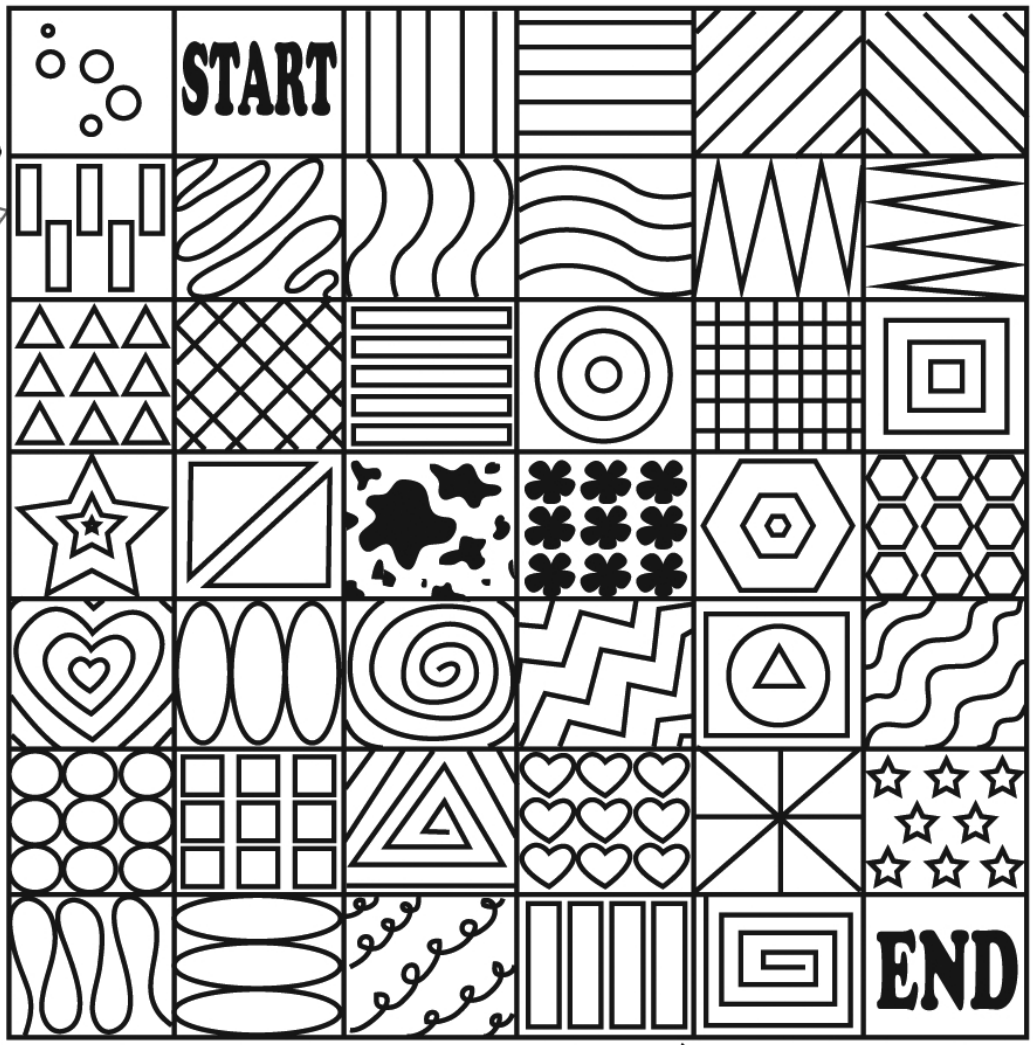
Put hands on this clock to show 2:30.

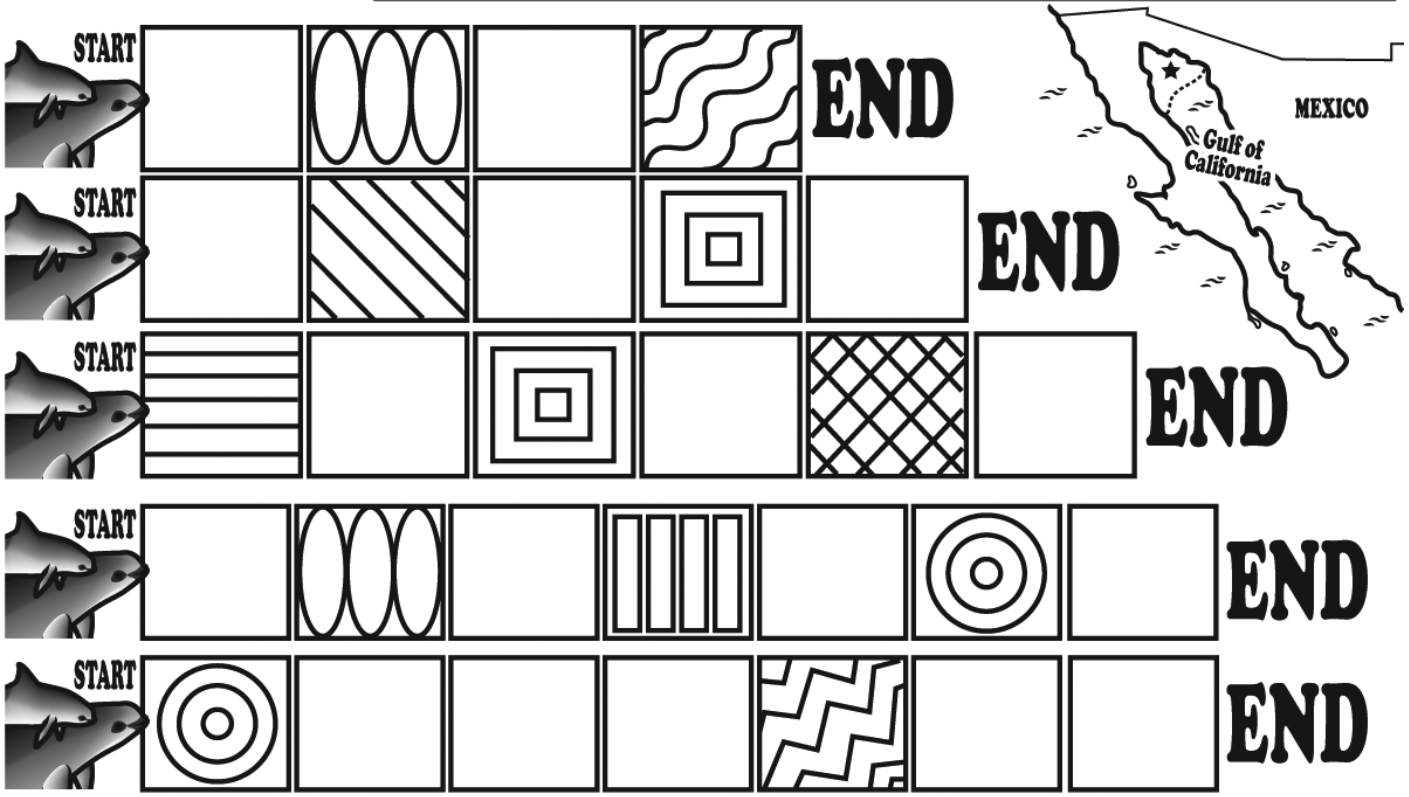
©edHelper

Name: _____



The vaquita and her calf need to get back to protected waters. They can swim vertically, horizontally, or diagonally. They must skip over one square and land on the next for every move they make. In the squares below, fill in the missing patterns to complete each path.





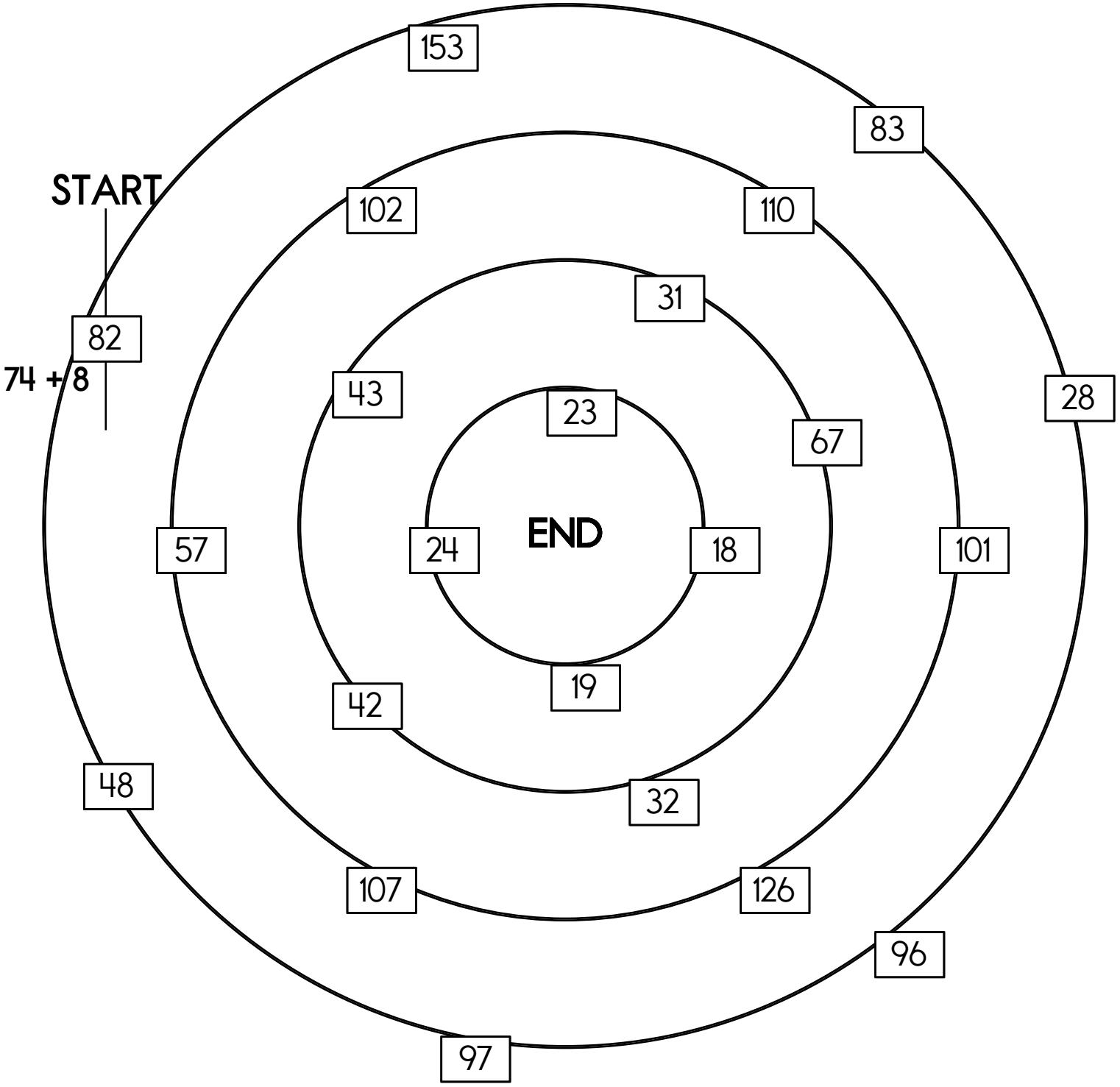
Name: _____

Draw a line from START to END.

24 + 7 ~~74 + 8~~ 94 + 7

12 + 6

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



Name: _____

Ava read 12 books. Holly read 3 fewer books. How many books did Holly read?

David had nine baseball caps. He gave two baseball caps to his best friend. How many baseball caps did David have left?

Adam made eight snowballs for his fort. Peter made seven snowballs. How many snowballs did they make in all?

21 - ___ = 16

$$\begin{array}{r} 7 \\ -\ 2 \\ \hline \end{array}$$

95, _____, _____, _____, _____, _____, 101

Daniel has 7 friends. Chris has 8 friends. Which boy has an odd number of friends?

David is ready to go back to school. He had 7 yellow pencils. His mother gave him 3 red pencils and 4 blue pencils. How many pencils did he have in all?

Gavin, Eric, and Connor went to the zoo. Gavin saw six penguins. Eric saw eight penguins. Connor saw three penguins. How many penguins did they see in all?

26, ___, ___, ___, 30, ___, 32

24 + ___ = 34

How much is this?

Name: _____

There were ten voters in the first line. The second line had four more voters than the first line. How many voters were there in all?

Babe Ruth hit 2 homeruns on Monday. He hit 4 homeruns on Tuesday. How many more did he hit on Tuesday?

David picked up 11 old cans. Jacob picked up 4 old cans. How many more cans did David pick up?

$$\begin{array}{r} 5 \\ +\ 9 \\ \hline \end{array}$$

27, ___, 29, ___, ___, 32

How many nickels do you need if you want to have exactly 20 cents?

Jack is 2 years older than his best friend Nathan. Nathan is 9. How old is Jack?

Kevin hated green peas. There were 21 peas on his plate. His mother said he had to eat them. "Yuck!" Kevin said. He put 8 peas in his mouth. How many peas were left on his plate?

There are 3 chocolate ice cream sodas on the table. There are 8 vanilla ice cream sodas on the table. How many more vanilla sodas are there?

What is ten less than 84?

Double three.

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

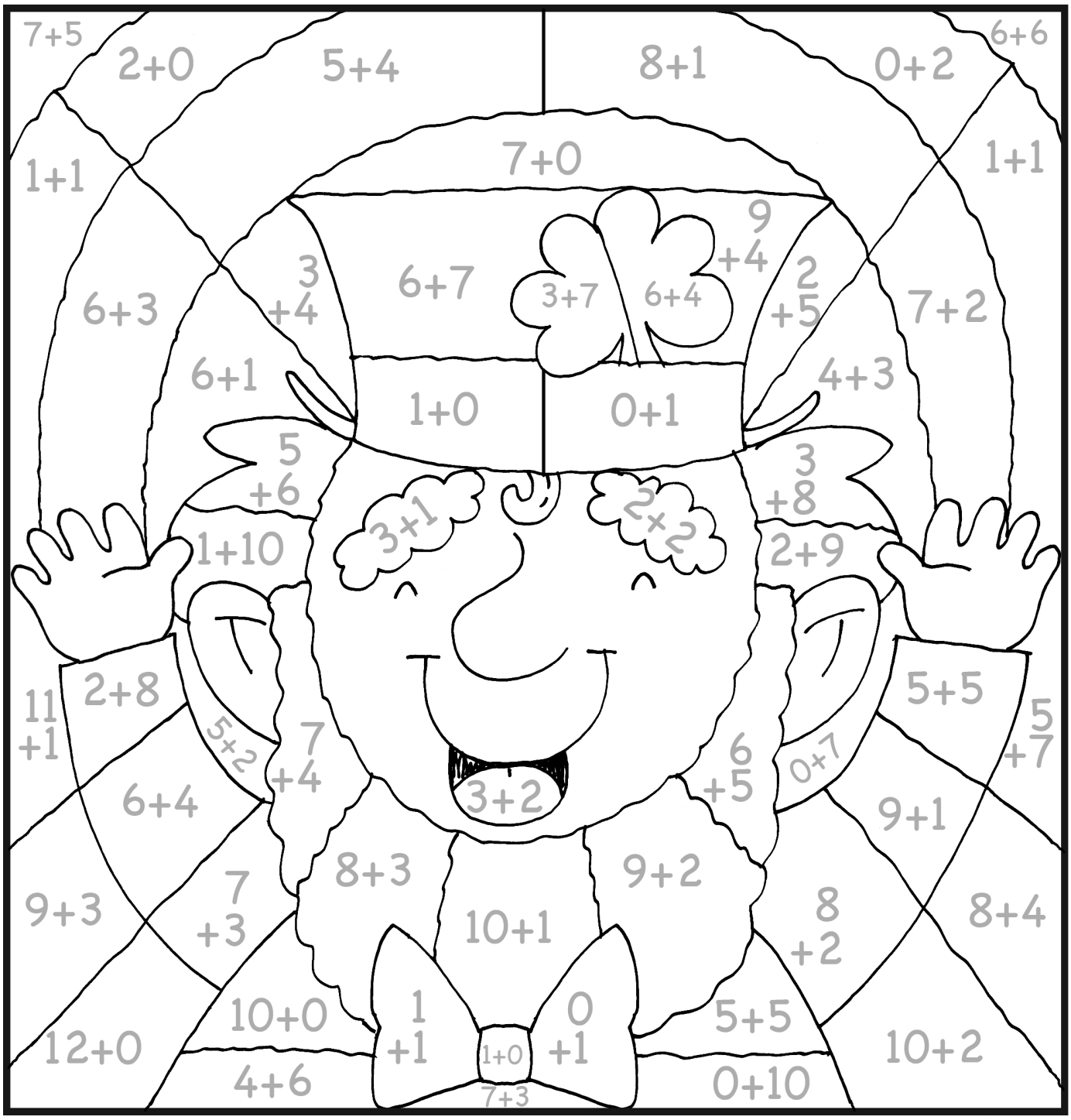
word root **ous** can mean **full of** **loquacious, zealous**

Name: _____

Surprise Sums

Use this sum code to color the picture.

1= light green 2= purple 4= brown 5= pink 7= yellow
9= red 10= dark green 11= orange 12= blue 13= black
blank areas= you choose



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Name: _____

Cross off the number that does NOT belong.

11, 13, 15, 16, 17, 19, 21, 23, 25, 27

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

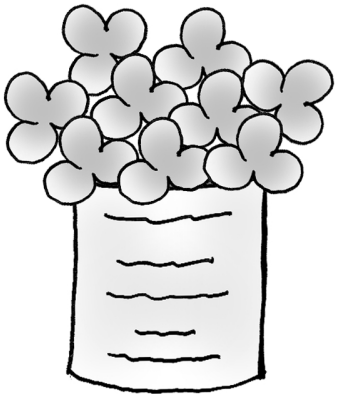
8, 4, 3, 8, 4, 3, 8, 8, 4, 3, 8, 4, 3, 8, 4

Why does _____ not belong in the pattern?

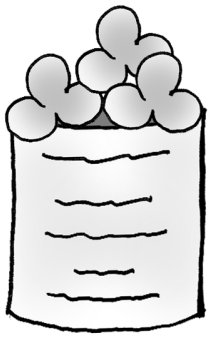
Name: _____

Cans Of Clover

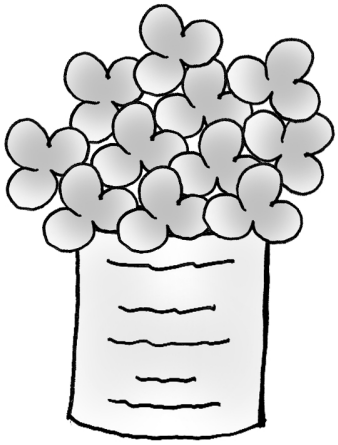
These cans hold 15 clovers. Draw in the extras needed and finish the subtraction sentences.



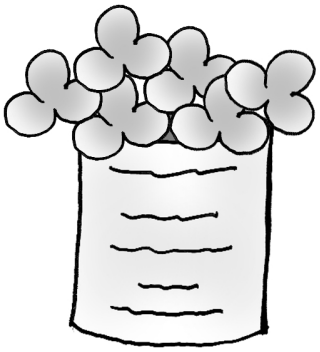
15 - 9 = ___



15 - 3 = ___



15 - 11 =___



15 - 6 = ___

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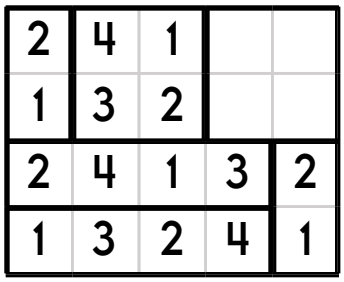
Name: _____

Fill in the missing numbers.

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

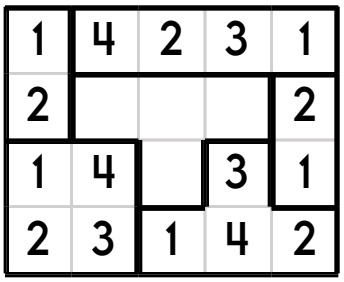
Dark lines surround a block. Numbers to use in a block:

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.



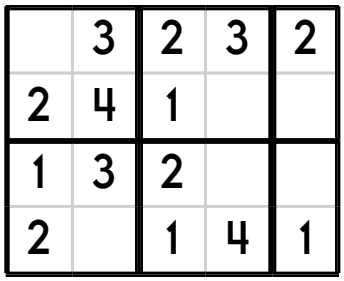
An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

4 2 1 3



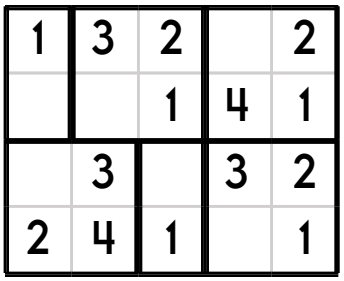
An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

1 4 2 3



Hint - These numbers are missing:

1 3 4 1 4 2



Hint - These numbers are missing:

2 2 4 1 3 4

Name: _____

Fill in the missing numbers.

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

3		3	1
		2	
1	3		3
4		4	2

Hint - These numbers are missing:

1 1 4 4 2 2

	1	2	
4	3		3
1			
4	3	4	3

Hint - These numbers are missing:

1 2 2 4 1 2

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

Hint - These numbers are missing:

2 4 2 2 3 1 4 1

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

Hint - These numbers are missing:

4 1 1 2 1 2 1 1

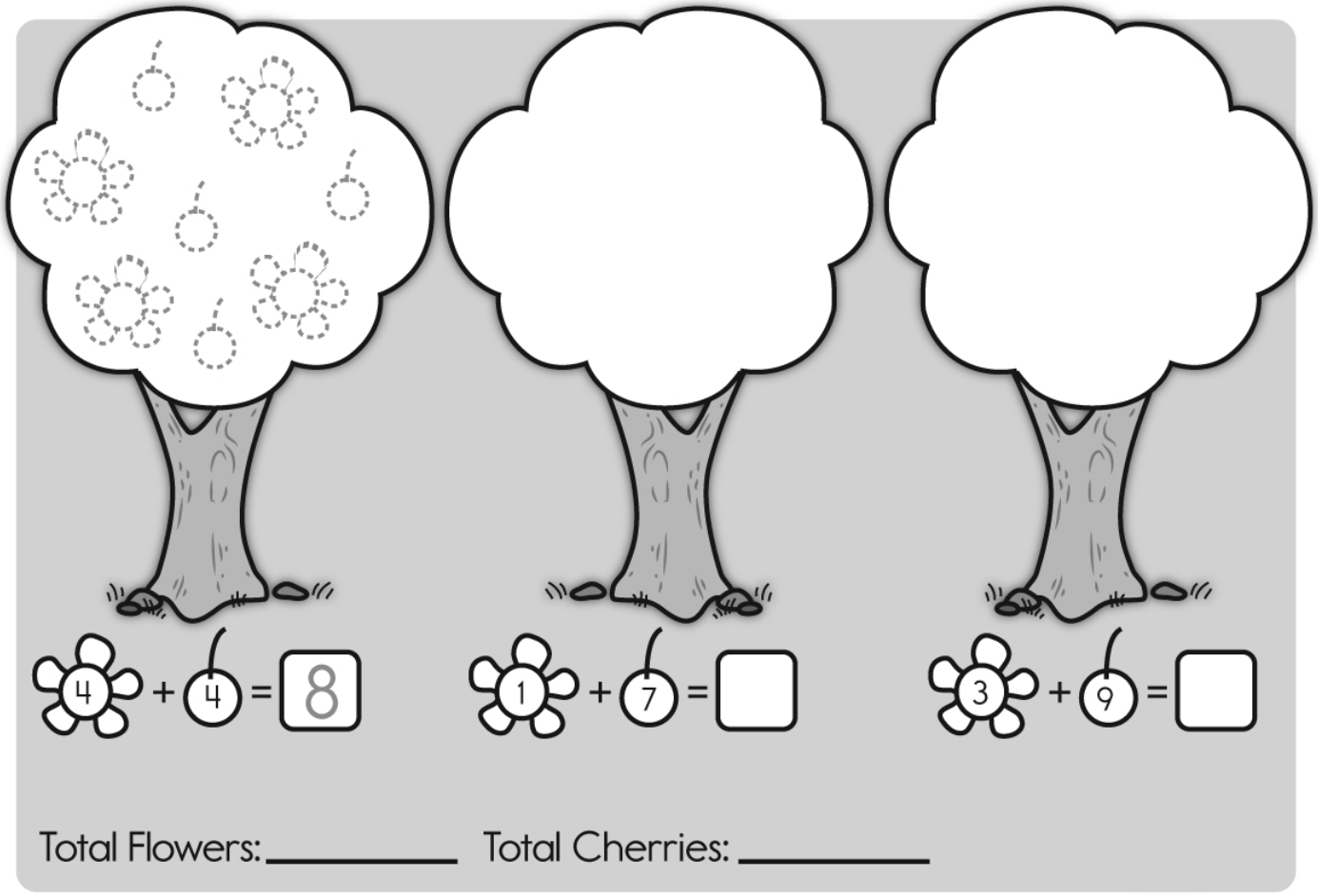
27, 28, 29, ____, ____,

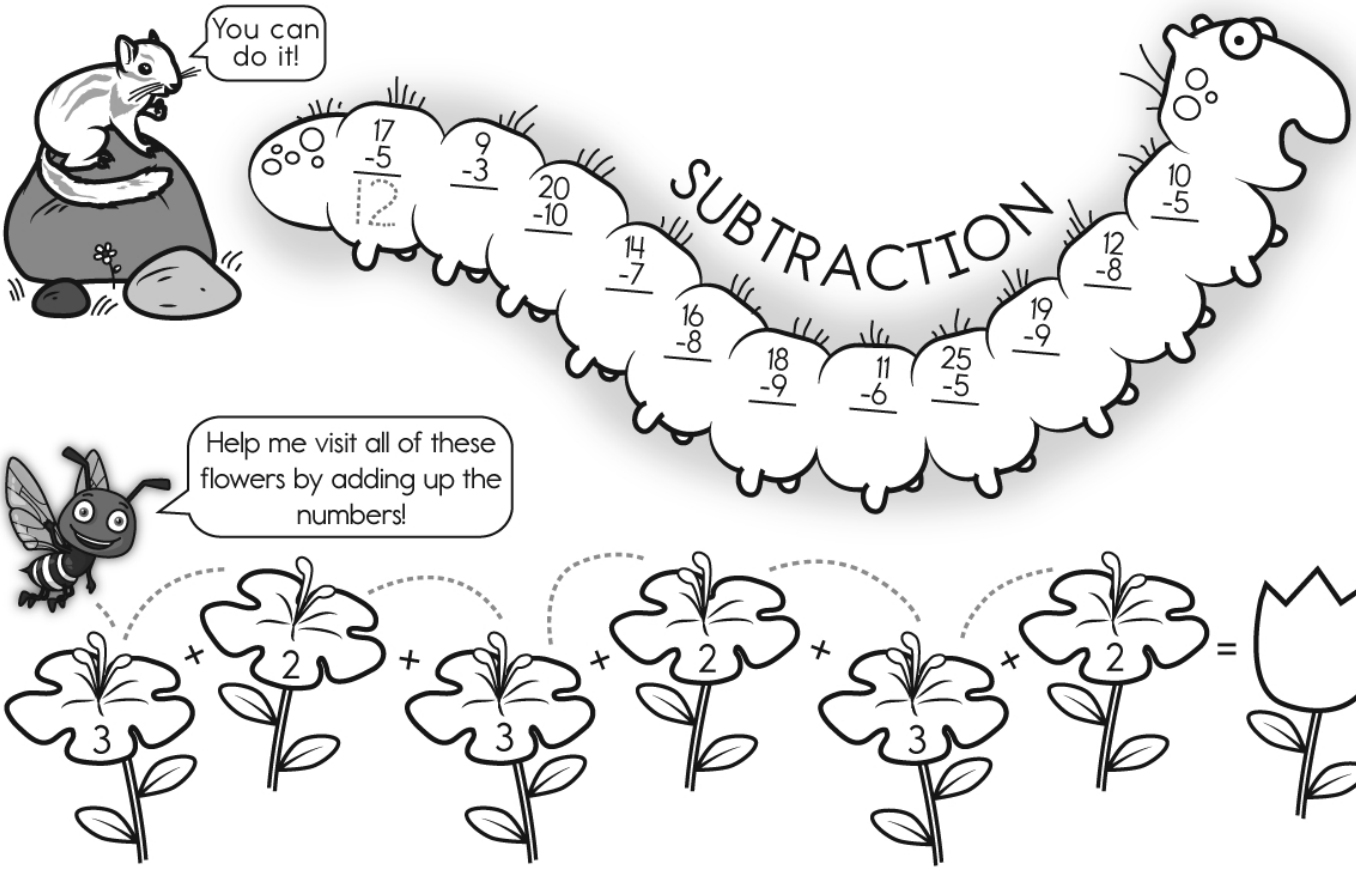
____

20 - ____ = 15

13 + ____ = 23

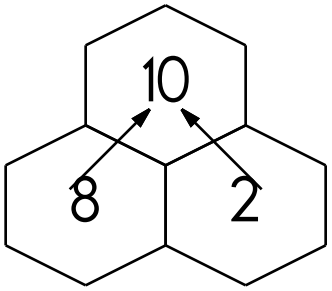
Name: _____

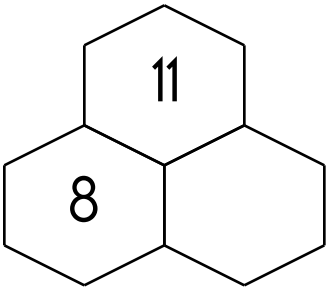

4 + 4 = 8
1 + 7 = ☐
3 + 9 = ☐
Total Flowers: _____ Total Cherries: _____

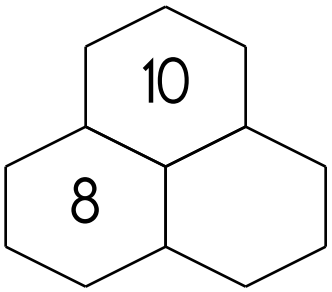

You can do it!
SUBTRACTION
17 -5 = 12
9 -3
20 -10
14 -7
16 -8
18 -9
11 -6
25 -5
19 -9
12 -8
10 -5
Help me visit all of these flowers by adding up the numbers!
3 + 2 + 3 + 2 + 3 + 2 =

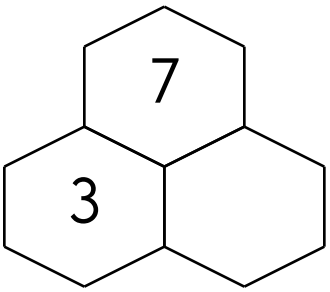
Name: _____

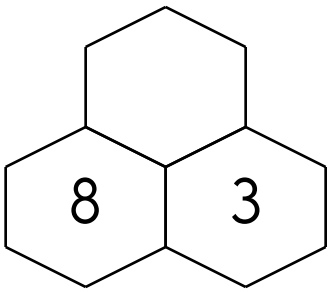
Fill in the blanks by adding the two numbers below each hexagon.

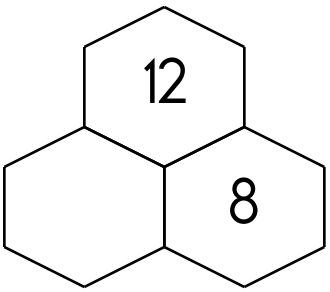


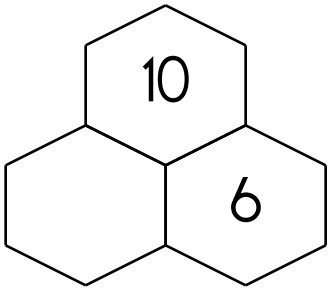


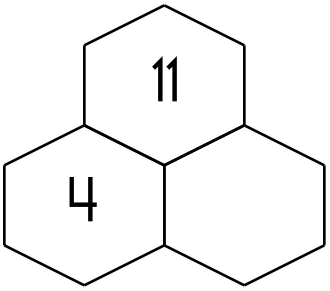












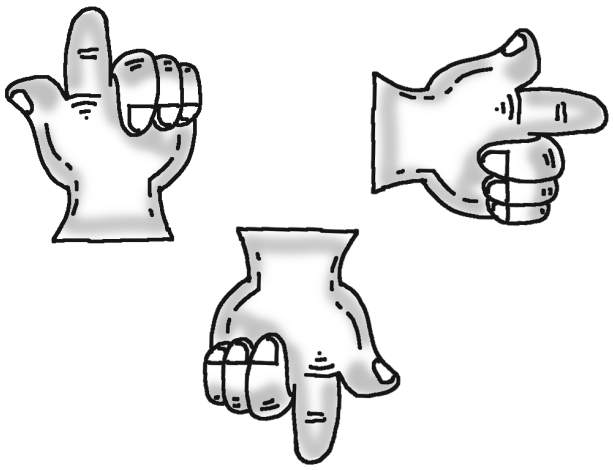
What is ten more than 57?

$$\begin{array}{r} 18 \\ +\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -\ 6 \\ \hline \end{array}$$

Name: _____

Match the hands to the directions they show.



across up down

Put the add or subtraction signs into the boxes.

8 ☐ 2=10

15 ☐ 3=12

6 ☐ 5=11

17 ☐ 9=8

Put in the greater or less than symbols.

52 100

45 67

99 33

Fill in the blanks.

100 ___ ___

___ ___

___ ___ ___ ___

___ 110

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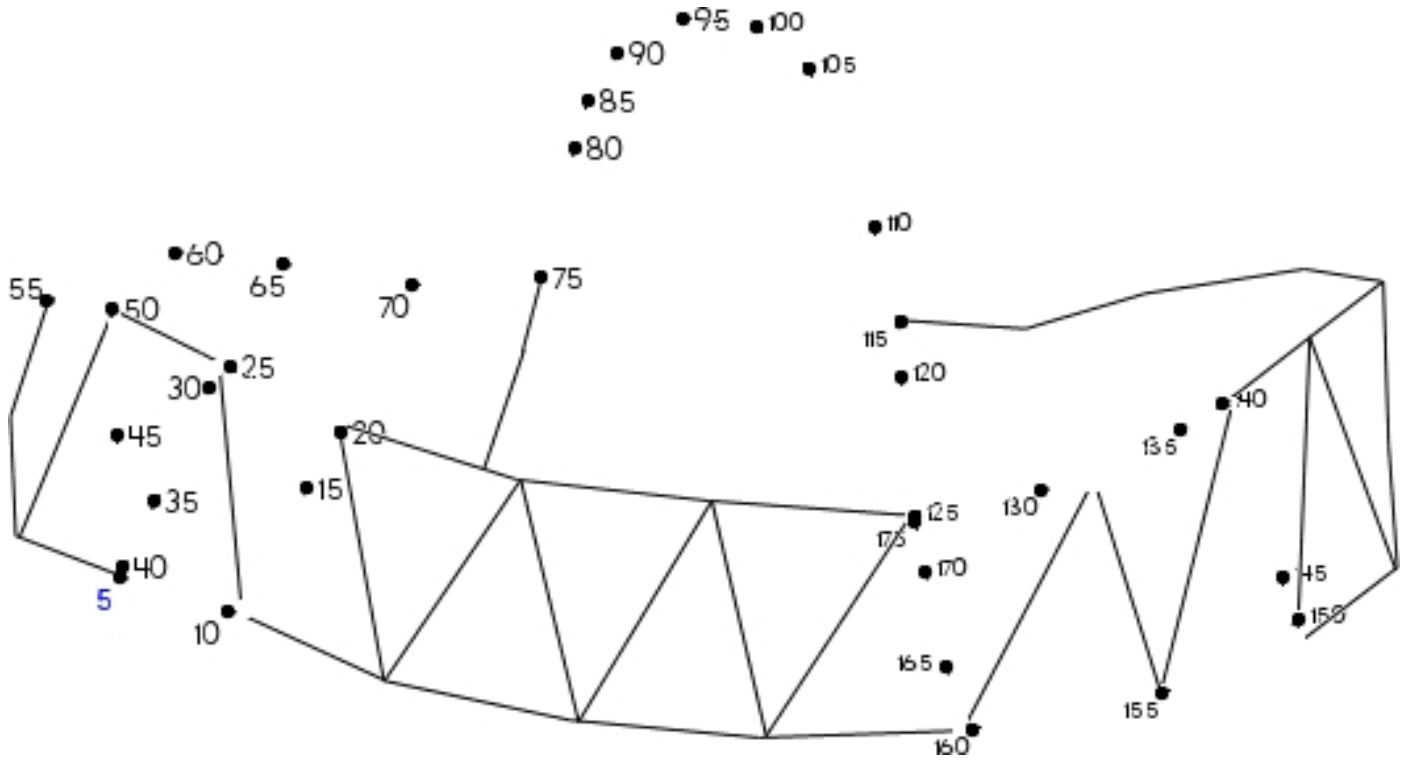
Name: _____

Anna has five birds. Amanda has three dogs. How many more pets does Anna have?	Mrs. Martin froze 7 quarts of peaches. She used 4 quarts in a cake. How many quarts were left?	Mary had five pumpkins. She gave three of them away. How many pumpkins does she have left?

Count by 5s.

5 , 10 , ____ , ____ , 25 , ____ , ____ , 40 , 45 , ____ , ____ , ____



The tree has white flowers

The tree has white flowers.

☐ I did page 17 ☐ I decided to skip this page

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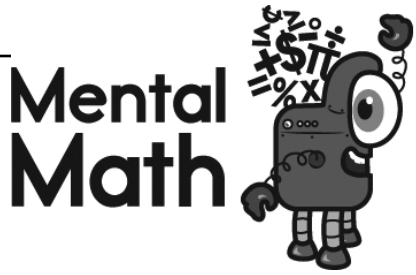
Name: _____

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?



imagine 5 in your head add 6 Write the number. ____ ____ A B	imagine 4 in your head add 5 add 2 Write the number. ____ ____ C D	imagine 8 in your head double it subtract 3 Write the number. ____ ____ E F	imagine 6 in your head add 3 add 1 Write the number. ____ ____ G H

What is the sum?

A + B + C + D + E + F + G + H

____

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

____ ____ ____ ____

n

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

Name: _____

Jessica used all her breath to blow up four floats and three life vests. How many water items did she blow up in all?

Ms. Wilson made 8 bowls of oatmeal. She ate 1 bowl of oatmeal. Connor ate 3 bowls of oatmeal. Wendy ate 3 bowls of oatmeal. How many bowls of oatmeal were left?

Jack planted 8 cherry trees. Jason planted 7 plum trees. How many trees did the two boys plant?

Sara had six beach balls. She gave some away. She had one left. How many balls did she give away?

46, ___, ___, ___,

___, 51, 52

$$\begin{array}{r} 9 \\ +\ 9 \\ \hline \end{array}$$

What is ten less than 72?

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

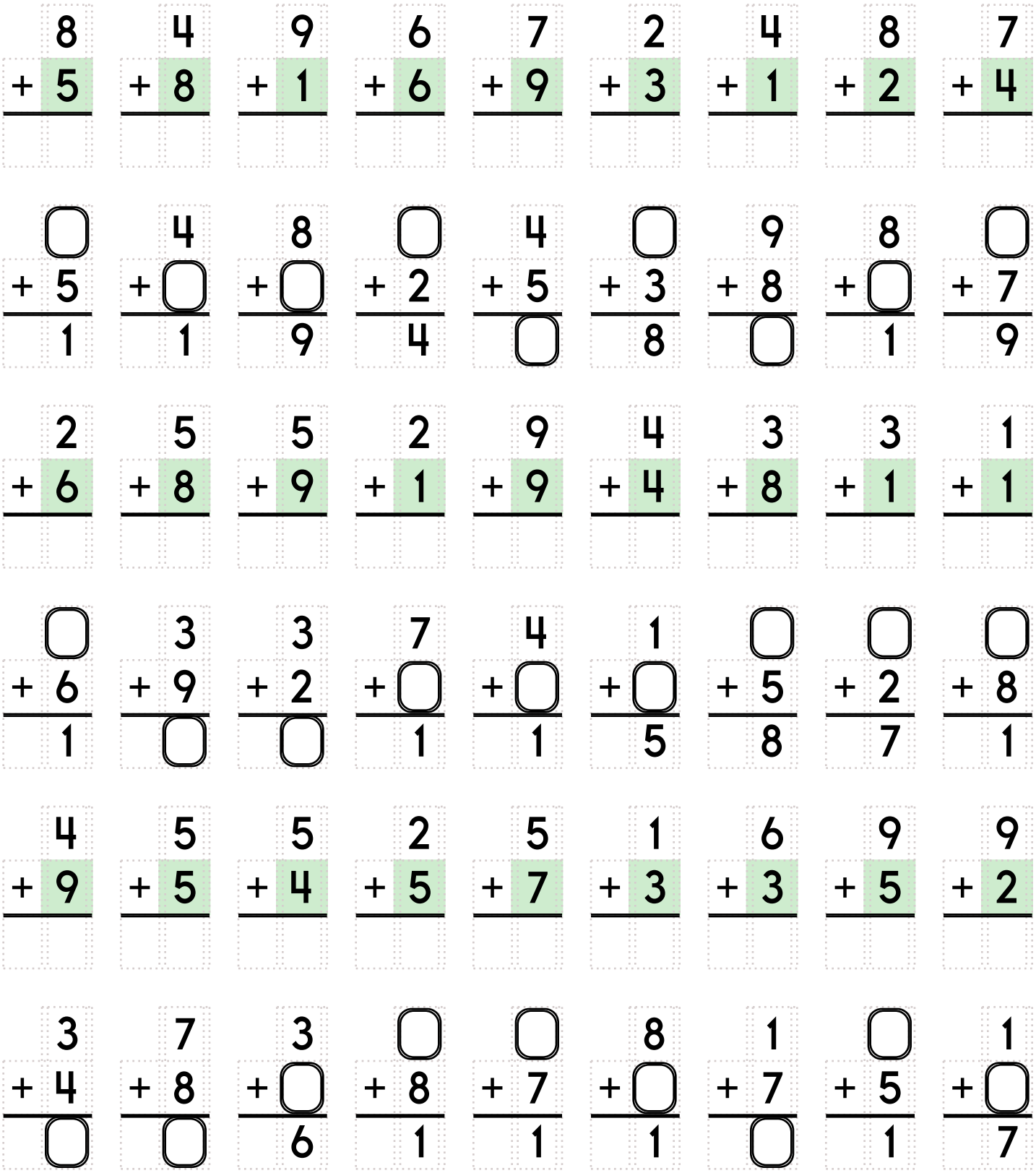
How much is this?

97, _____, _____, _____,

_____, _____, 103

word root **uni** can mean **one** **uniform, unilateral, unison**

Name: _____


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

Name: _____

Cross off the number that does NOT belong.

9, 18, 27, 36, 44, 45, 54

Why does _____ not belong in the pattern?

Cross off the letter that does NOT belong.

I, M, J, N, K, O, L, O, P, M, Q, N, R, O, S

Why does _____ not belong in the pattern?

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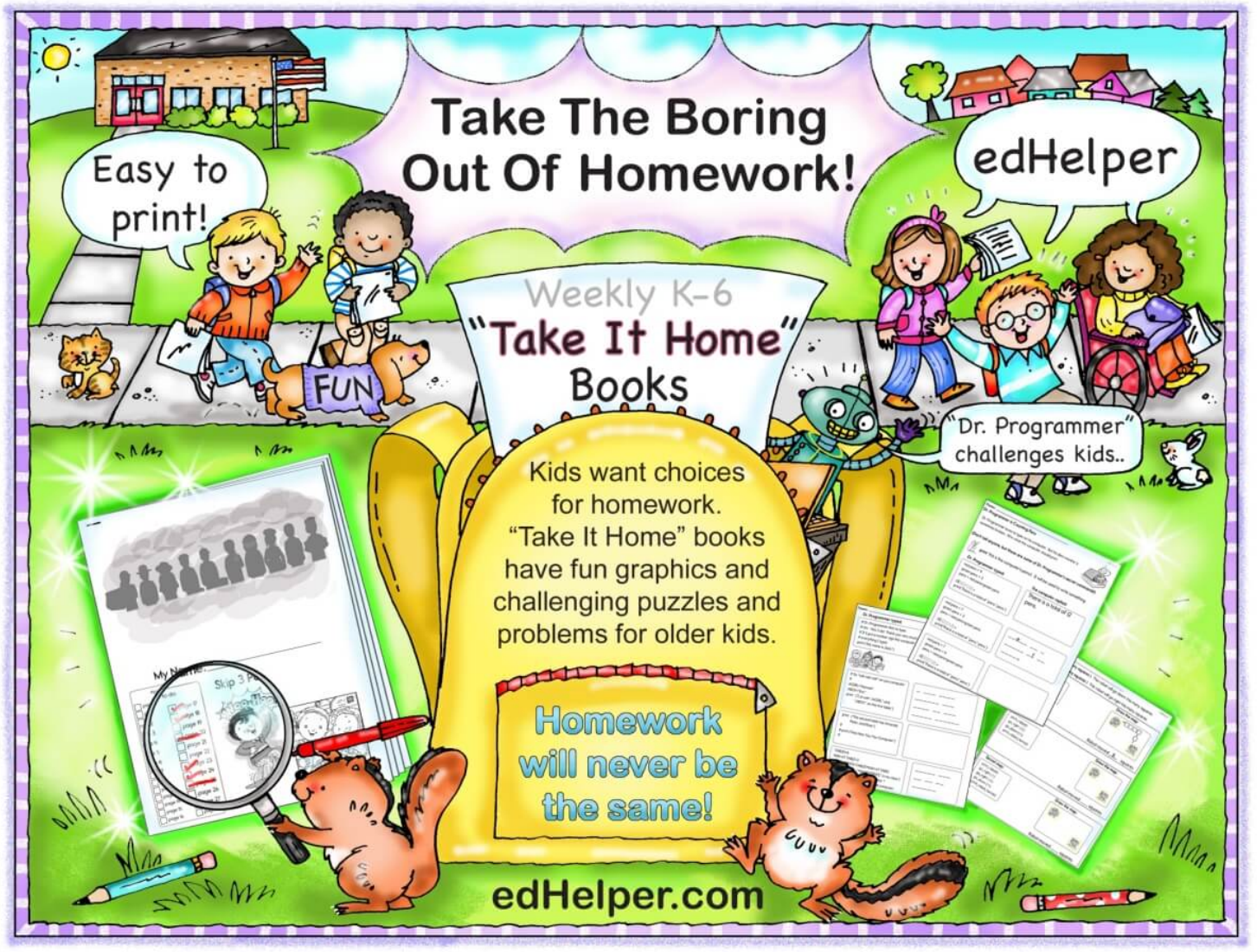
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