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?

Mental Math

= Do it in your head!

imagine 8 in your head add 6 Write the number. ____ ____ A B	imagine 4 in your head add 7 add 1 Write the number. ____ ____ C D	imagine 9 in your head double it subtract 3 Write the number. ____ ____ E F	imagine 9 in your head subtract 5 add 3 Write the number. ____ G

What is the sum?

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

____ ____

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

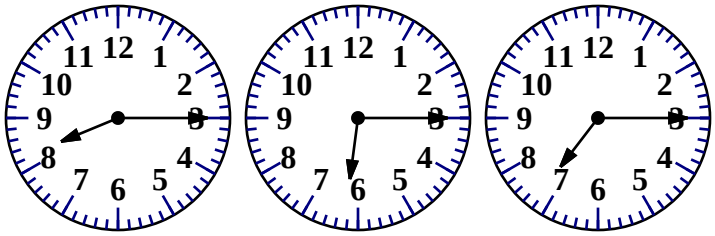
____ ____ ____ ____ ____ ____ **-** ____ ____ **e**

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

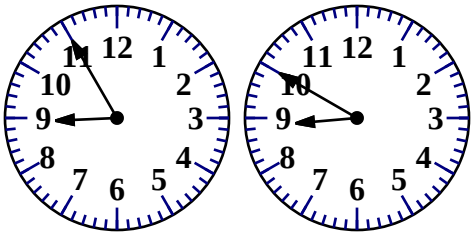
Name: _____

+			9	1
9	16 9 + ___	___ + ___	___ + ___	___ + ___
6	___ + ___	14 ___ + ___	___ + ___	___ + ___
	___ + ___	___ + ___	15 ___ + ___	___ + ___
	___ + ___	___ + ___	___ + ___	8 ___ + ___

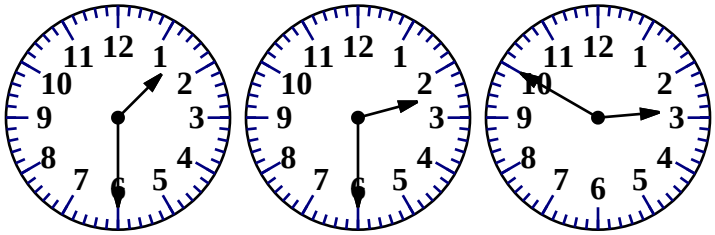
Which clock shows 7:15 ?



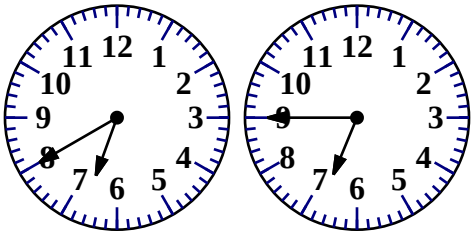
Which clock shows 8:55 ?



Which clock shows 2:30 ?

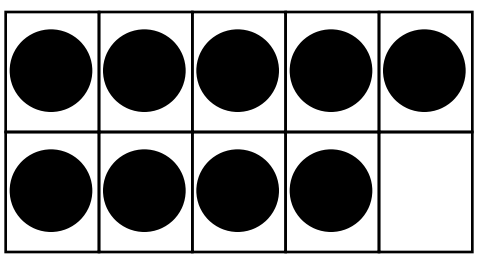


Which clock shows 6:40 ?



Name: _____

3	-2				+2				
		+1		-1		-2			
		-1		+2		-3			
+3		+3		-3		-3			
				10					
+1				+2		+3			
+2		-3		+1		+1		+2	8



- 5 =

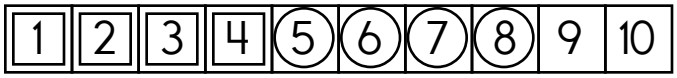
word root **scrib** can mean **write or written** **indescribable**

Name: _____

It is very hot today. Kevin drank eight cups of water. Nathan drank two cups of tea. Alex drank six cups of water. Hunter drank three cups of water. How many cups of water did the boys drink?

There are 3 chocolate ice cream sodas on the table. There are 9 vanilla ice cream sodas on the table. How many more vanilla sodas are there?

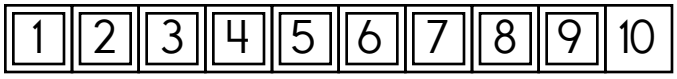
Farmer John's wife made some bread. She made 19 loaves of bread. She gave their friends 9 loaves of bread. How many loaves of bread did Farmer John's wife have left?



4 + ④ = _____

4 + 4 = _____

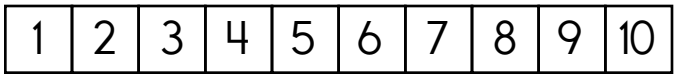
Draw ○



9 + ① = _____

9 + 1 = _____

Draw □ and ○



6 + ③ = _____

6 + 3 = _____

Circle two numbers in each group to make 13.

2 2 11 13

1 6 7 2

10 1 9 12

Draw 13 tally marks.

Start each with 13.

Write 1 more _____

Write 1 less _____

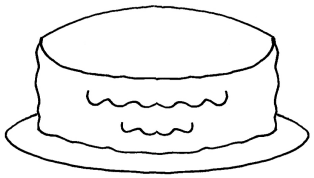
Write 10 more _____

Write 10 less _____

word root **nov** can mean **new** **novice, novelty**

Name: _____

Draw 7 candles.



Write 1 more.

1 → 2

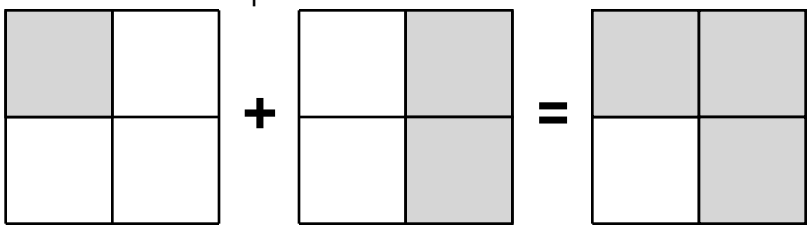
6 → 7

3 → 4

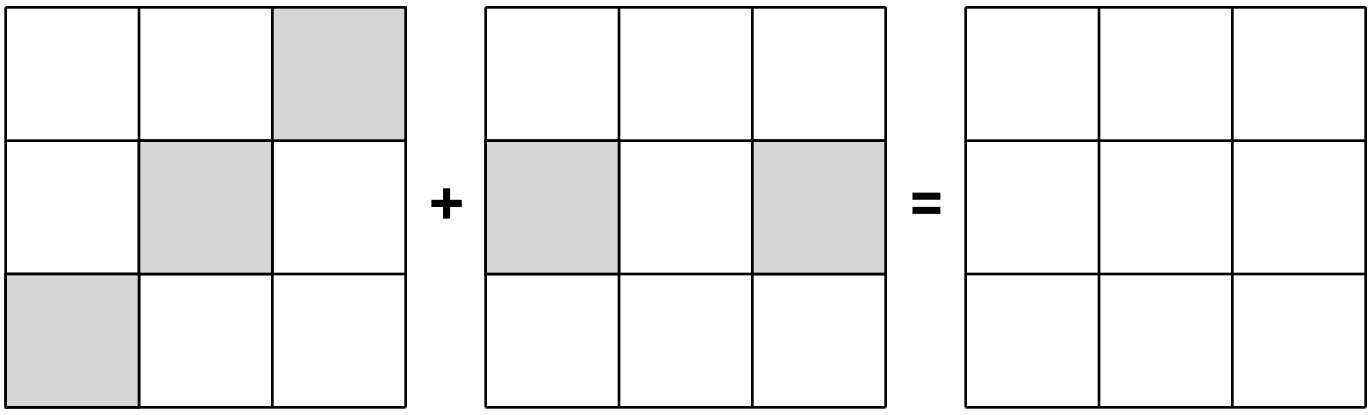
How many?

_____

Here is an example of shade box addition:



Complete this shade box addition.



3 + 2 = ____

ANY A O S Q A N Y G F N J Z H V N Y L C E N Y Y

GIVEN M Z V U N G I V E N V G I H V U N E O E L I

THIN L N O T H I H N I T H N T G D B T H I N R I

Name: _____

Puzzle:

3		5
		4
5	4	+

Work Area:

3		5
		4
5	4	+

The sum for each column and row is given.

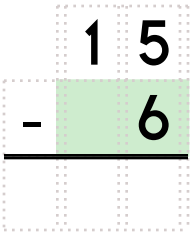
= _____

22 - ___ = 18

Circle all the ways to make 4.

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

How many nickels do you need if you want to have exactly 10 cents?



Circle all the ways to make 15.

11 + 4 13 + 4 8 + 7
5 + 10 13 + 3 6 + 9

29, 30, ___, 32, ___,

___

5 tens + 6 ones = 56

__ ten + __ ones = 12

__ tens + __ ones = 88

__ tens + __ ones = 20

Circle the even numbers.

5 42 57

1 98 13

39 524 576

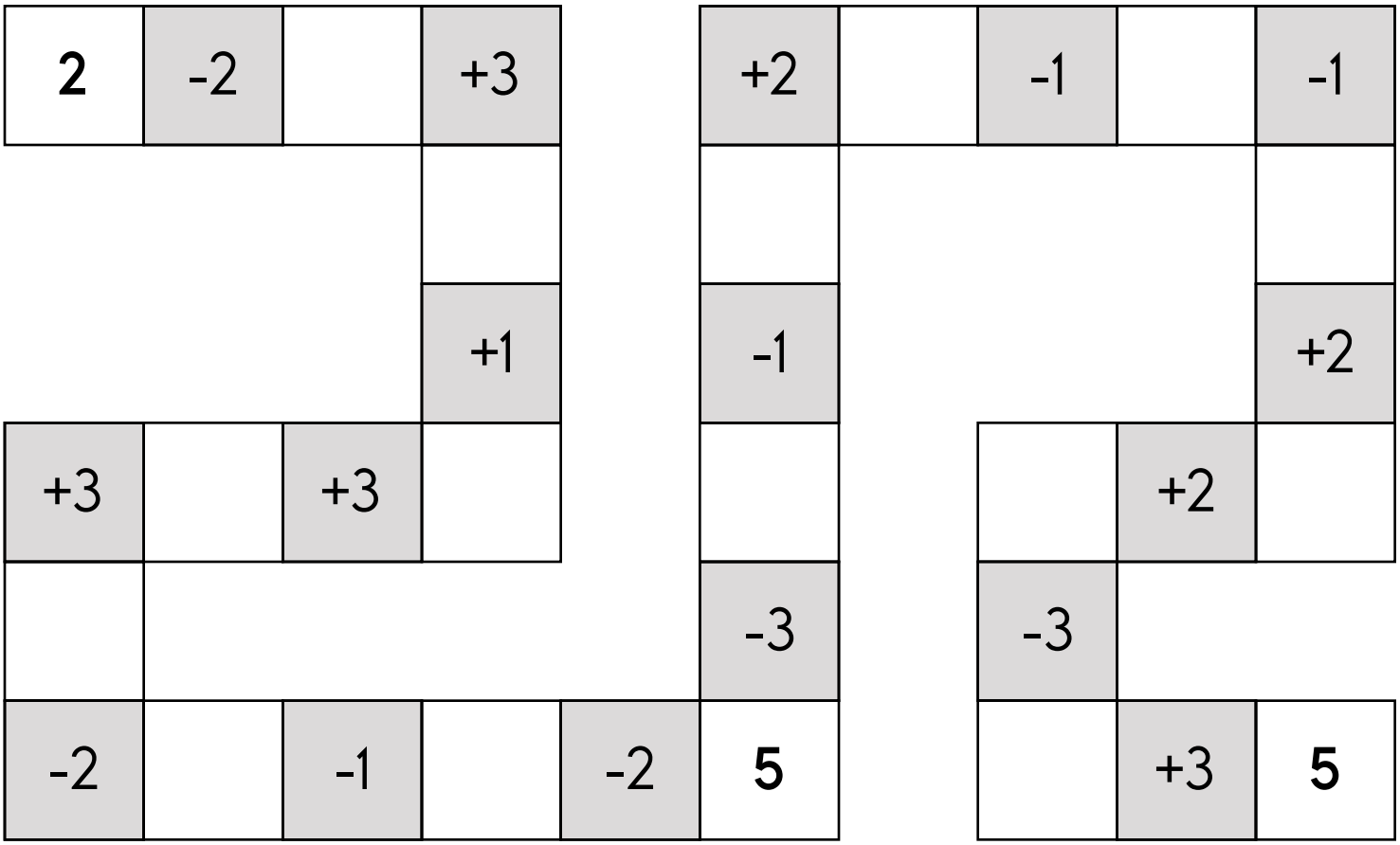
Write the number that is 1 more.

19 ___

74 ___

41 ___

Name: _____



I got a new green toy today.

I got a new green toy today.

Which shows a way to make 10?

○ 2 + 5 ○ 5 + 3

○ 8 + 2 ○ 3 + 5

12 - 7 = _____

○ 9 ○ 5 ○ 17

6 - 0 = _____

○ 11 ○ 6 ○ 15

Name: _____

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

Circle the fourth number.

5, 5, A, 3, F, B, 5, D, 9, F, 5, B, 4, D, D, 1, 1

7, 9, 11, 13, _____, 17, 19, 21, 23

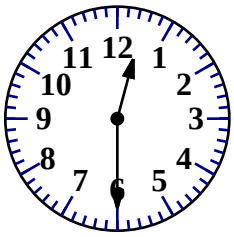
Write the number that is 2 more.

19 ___

54 ___

66 ___

What time is it?



___:___

Adam needs fifteen cents. How much more money does he need?

20 + 244 = 264
Using the commutative property of addition, what do you think 244 + 20 is?

Circle all the ways to make 10.

8 + 3 5 + 5 8 + 2
9 + 1 4 + 6 2 + 9
6 + 5 7 + 3 10 + 1

47, ___, ___, 50, ___, 52, ___

9 + 1 = ___

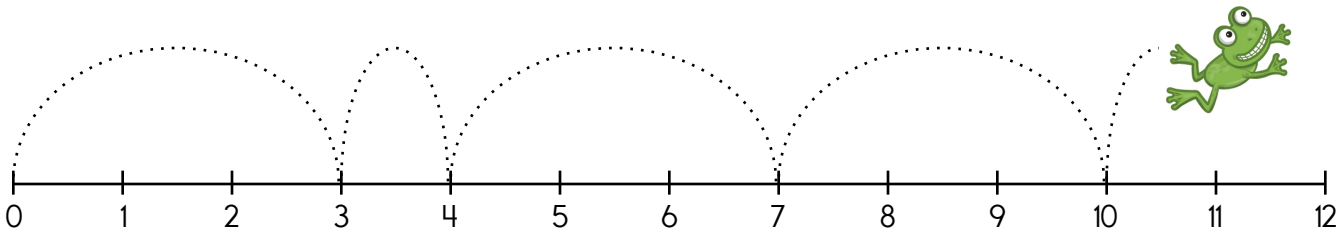
10 + 1 = ___

Circle the fifth letter.

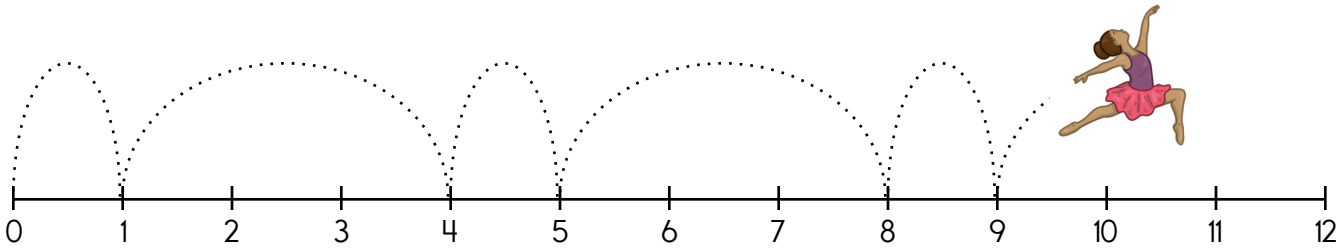
3, F, 1, B, F, 4, 8, D, 8, A, B, 5, 8, D, F, 7, F, 5

How much is this?

Name: _____

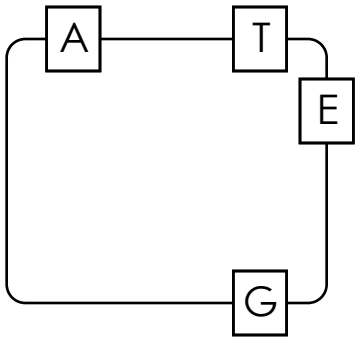


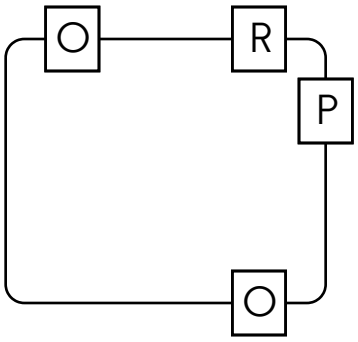
Look at the pattern. The frog will next go to number _____.

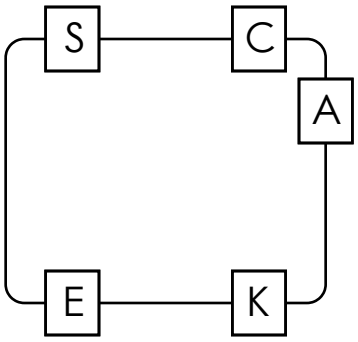


Look at the pattern. The dancer will next go to number _____.

Write the hidden word. Start at one letter and then move either left or right. Continue in same direction.







_____ _____ _____

Which shows a way to make 14?

○ 9 + 3 ○ 9 + 5

○ 4 + 8 ○ 3 + 2

Circle the two numbers that make 12.

5 9 3	3 2 10
6 10 6 1	10 4 7 8

FISH H A K I Y C Q S R I N F U S H F S F I S H M

BRING N B R A N G D O B R I N G K V H N G R G R I

word root **con** can mean **together** **contacts, contract**

Name: _____

Change the first letter. Write the new word.

pan

_an

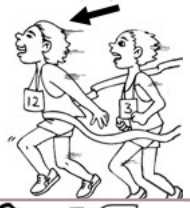
bat

_____

fall

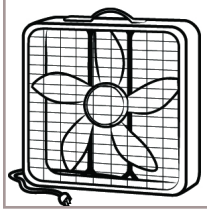
_____

vest

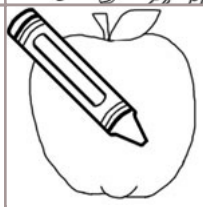


_____

man



_____



red

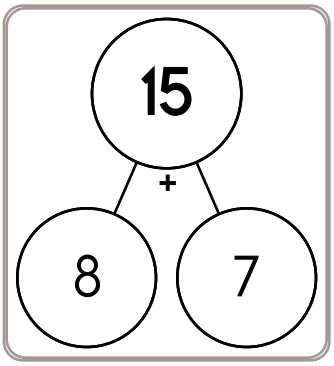
_____

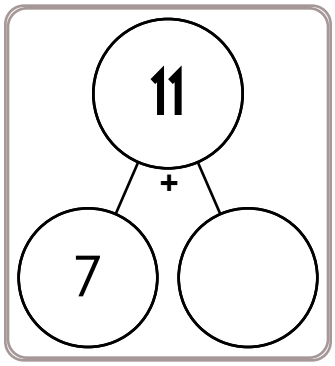
Subtract 1 or 10.

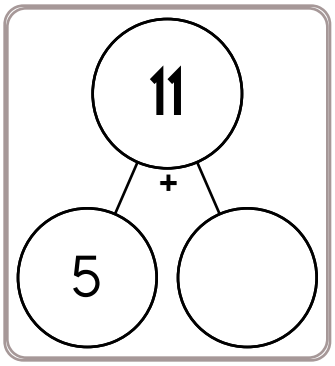
	49	33		24
34			27	

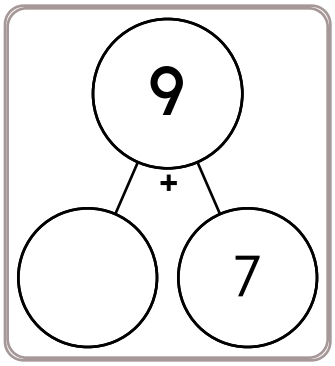
Name: _____

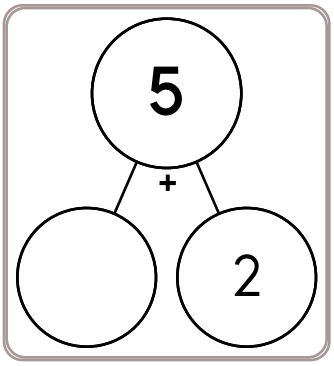
5 - 3 =	8 - 4 =	9 - 9 =
8 - 4 =	9 - 8 =	8 - 4 =
3 - 3 =	6 - 2 =	8 - 2 =
6 - 5 =	8 - 5 =	7 - 2 =

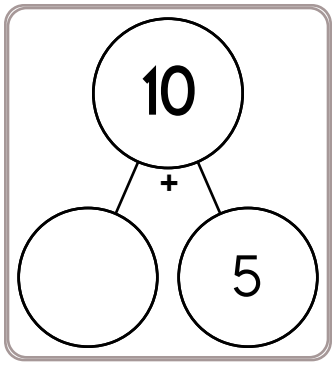


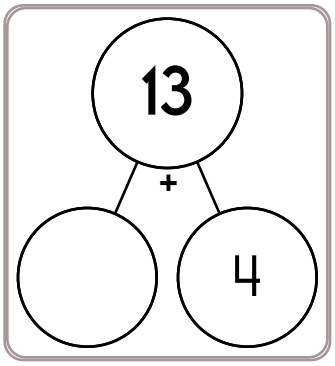


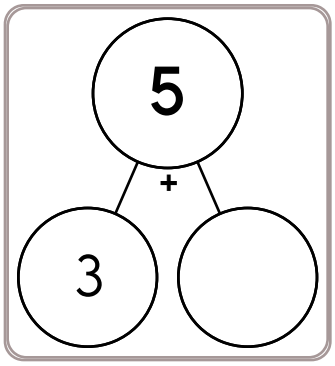












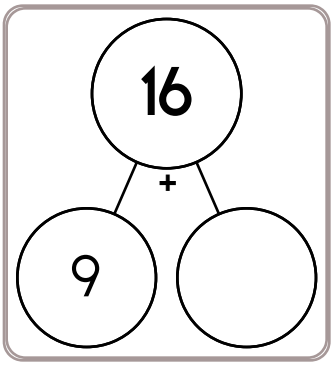
9 - 6	3 + 6	9 + 7	8 - 5	6 - 6	6 - 4	7 + 7	7 - 5	6 - 5
8 + 3	7 + 7	9 + 9	8 + 6	3 + 6	8 - 2	8 - 8	2 - 2	5 - 4

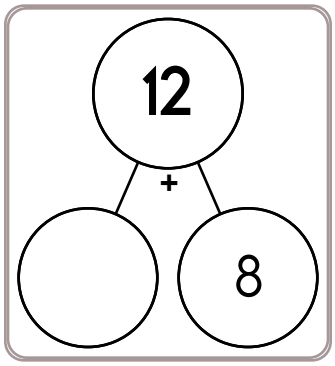
Name: _____

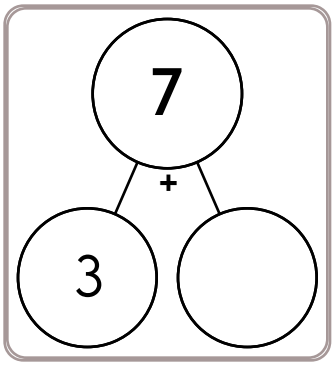
8 + 4	1 + 6	4 + 4	7 + 7	5 + 6	2 + 8	4 + 1	7 + 2	9 + 6
8 + 6	4 + 7	1 + 4	3 + 2	2 + 4	3 + 3	1 + 1	4 + 6	3 + 1
3 + ☐ = 1	☐ + 3 = 4	☐ + 9 = 1	☐ + 8 = 1	☐ + 8 = 1	3 + ☐ = 1	5 + ☐ = 6	6 + ☐ = 1	4 + ☐ = 1
☐ + 3 = 5	8 + ☐ = 1	1 + ☐ = 8	5 + ☐ = 1	4 + 8 = ☐	2 + ☐ = 3	9 + ☐ = 1	5 + 3 = ☐	☐ + 8 = 1
5 + ☐ = 9	☐ +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

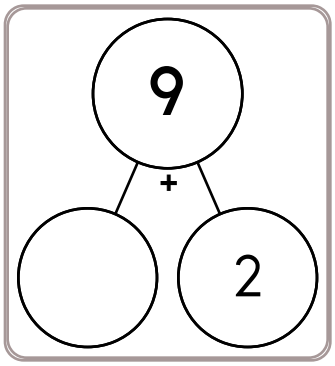
Name: _____

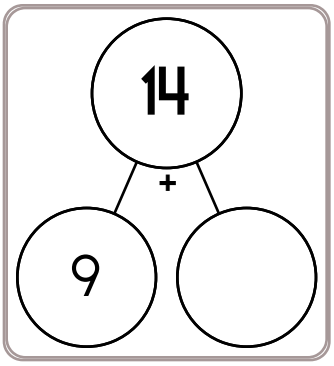
7 + ___ = 11	2 + ___ = 4	___ + 7 = 9
___ + 9 = 15	4 + ___ = 8	___ + 3 = 8
___ + 8 = 10	3 + ___ = 12	8 + ___ = 14
___ + 3 = 7	___ + 8 = 11	9 + ___ = 15

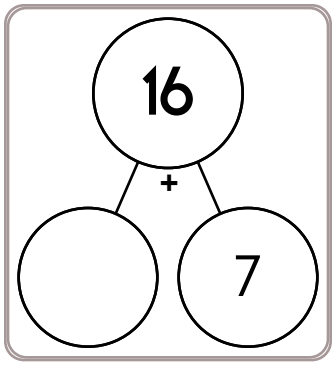


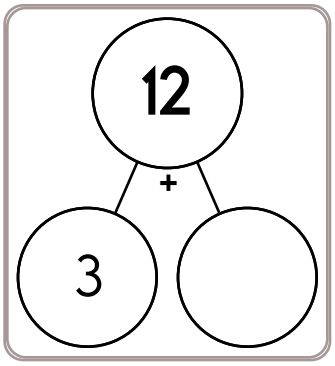


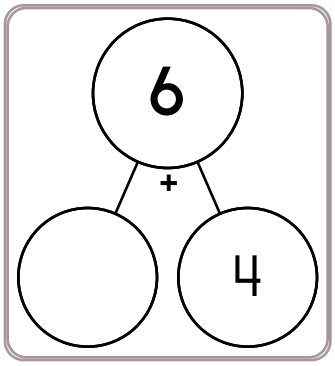






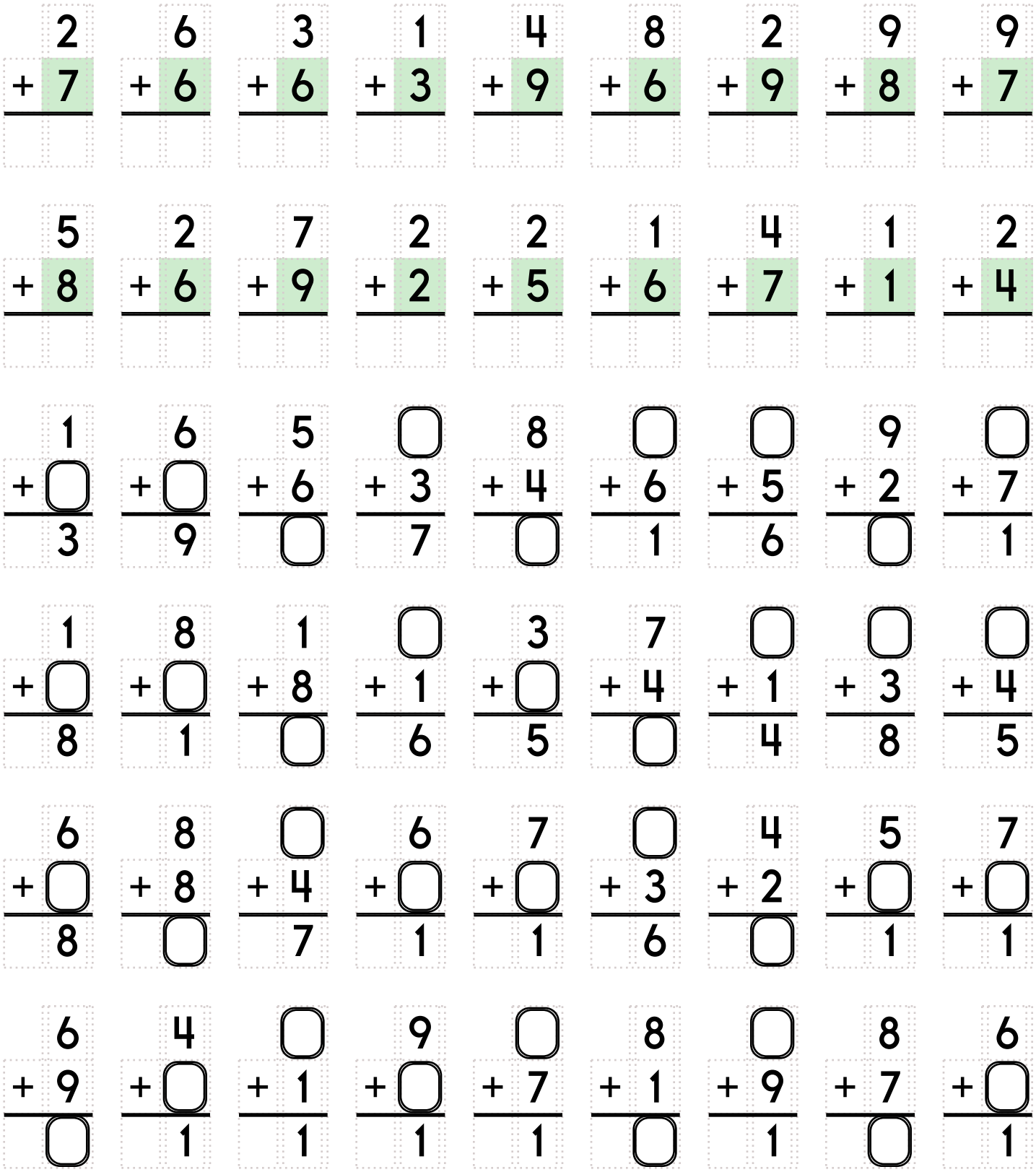






4 + 4	7 - 4	4 - 2	7 + 5	5 - 2	9 - 4	8 + 7	3 + 3	9 - 3
4 + 5	2 + 8	9 - 8	9 - 2	6 - 4	9 - 4	6 + 7	3 + 9	6 - 3

Name: _____


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

Name: _____

0 1 2 3 4 5 6 7 8 9 10

bigger number

smaller number

2 10	0 3	6 10	3 10
4 9	10 8	10 9	1 9
7 10	5 8	9 8	8 3
4 5	4 2	1 5	7 6
10 9	5 0	5 6	7 8

Name: _____

bigger number

smaller number

40 63	14 44	88 96	45 80
30 8	43 63	29 75	7 61
56 18	76 38	44 48	59 58
81 95	59 20	71 51	97 67
39 49	8 38	54 96	102 32
53 54	95 22	72 100	97 52

Name: _____

There were 8 clowns in the circus. There were 6 happy clowns. The rest were sad. How many clowns were sad?

Jessica liked the Hug Holiday. She got five hugs from her mother. She got four hugs from her father. She got two hugs from her sister. She got three hugs from her grandmother. How many hugs did Jessica get in all?

Amanda likes ice cream. Today she ate ten scoops of ice cream. Emma likes ice cream, too. Today she ate six scoops of ice cream. Amanda ate _____ more scoops of ice cream than Emma.

Sarah has 13 bird pins. Five are bluebirds, two are robins, and the rest are hummingbirds. How many hummingbird pins does she have?

Which has the same sum as 7 + 8?

○ 7 + 7 - 1

○ 7 + 7 + 1

○ 7 + 7 + 4

Count by 1.

1 _____ 3 _____

2 is 1 more than _____ .

l	r	i	t	e	h	e	t
u	t	u	k	i	y	x	e
k	l	f	h	i	a	e	i
k	v	l	i	t	t	l	e

little

Write the missing sign.

11 ___ 3 = 14

Name: _____

Mental Math — #1

- Start with the sum of 6 and 7. **13**
- Multiply by 6. _____
  2 6 1 2 3 5 9 7 8 3 (Circle your answer to double check you are correct.)
- Increase that number by 2. _____
  7 6 6 4 9 8 0 0 8 5
- Find one-eighth. _____
  3 9 1 0 7 9 2 0 6 9

Mental Math — #2

- ☺ Count by fours. Start with the number that comes after 1. _____
  6 9 3 4 5 3 8 0 1 0 (Circle your answer to double check you are correct.)
- ☺ Triple that number. _____
  6 1 5 6 4 4 8 4 1 5
- ☺ Add 4 tens. _____
  9 0 6 2 8 1 5 5 4 8
- ☺ Double that number. _____
  1 1 0 5 4 9 9 0 5 8

Name: _____

Mental Math — #1

❑ Start with the number 2. 2

❑ Triple that number. _____

9 7 4 9 1 9 2 4 6 0 (Circle your answer to double check you are correct.)

❑ Add the number of days in a week. _____

9 7 1 3 2 4 1 4 8 7

❑ Multiply by 9. _____

1 1 1 7 6 5 2 1 9 2

Mental Math — #2

☺ Count by twos. Start with the number that comes after 5. _____

1 8 6 7 5 2 3 8 2 7 (Circle your answer to double check you are correct.)

☺ Increase that number by 3. _____

9 1 1 5 4 1 0 9 8 0

☺ Add the digits in your number. The sum of that is your new number. _____

1 4 5 6 4 9 8 9 1 4

☺ Add the number of legs on 2 ducks. _____

1 5 4 5 5 4 3 9 5 2

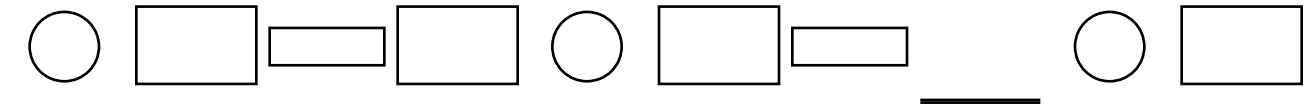
Name: _____

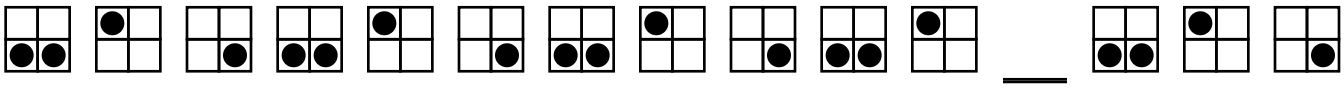
Draw the missing spots in the patterns.
Show the pattern by putting the same letter under each shape or number.

6 4 8 8 6 4 8 8 _ 4 8 8 6

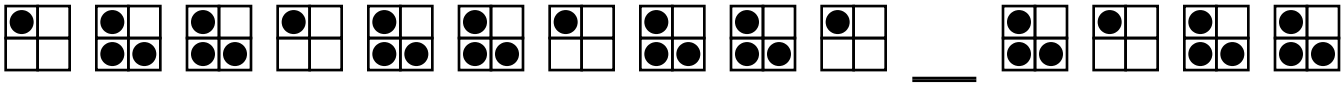
A B C C A B C C A B C C A

7 7 0 7 7 0 7 7 0 _ 7 0 7





5 6 1 5 6 _ 5 6 1 5 6 1 5



Name: _____

Draw the missing spots in the patterns.

8 2 2 9 8 2 2 9 8 2 2 9 _

3 5 5 5 3 5 5 _ 3 5 5 5 3

3 1 4 8 3 1 4 8 _ 1 4 8 3

Draw your own patterns.

4 5 7 4 5 7 4 5 7 4 5 7 4

ABC pattern

Draw an ABCB pattern.

Draw an ABCD pattern.

Draw an ABC pattern.

Draw an ABCB pattern.

I drew an _____ pattern.

Name: _____

Complete the pattern.

3	6	9	12	15	18	21	_____
1	2	3	4	5	6	7	_____
4	8	12	16	20	24	28	_____
2	4	6	8	10	12	14	_____
5	10	15	20	25	30	35	_____

Rose checked out four books at the library. Then she took four books back. How many books does she have now?

4 - 4 = _____

She has _____ book(s).

What is the difference for 5 - 3?

○ 1 ○ 2 ○ 5 ○ 6

zero	4 + 8	three

Which shows a way to make 9?

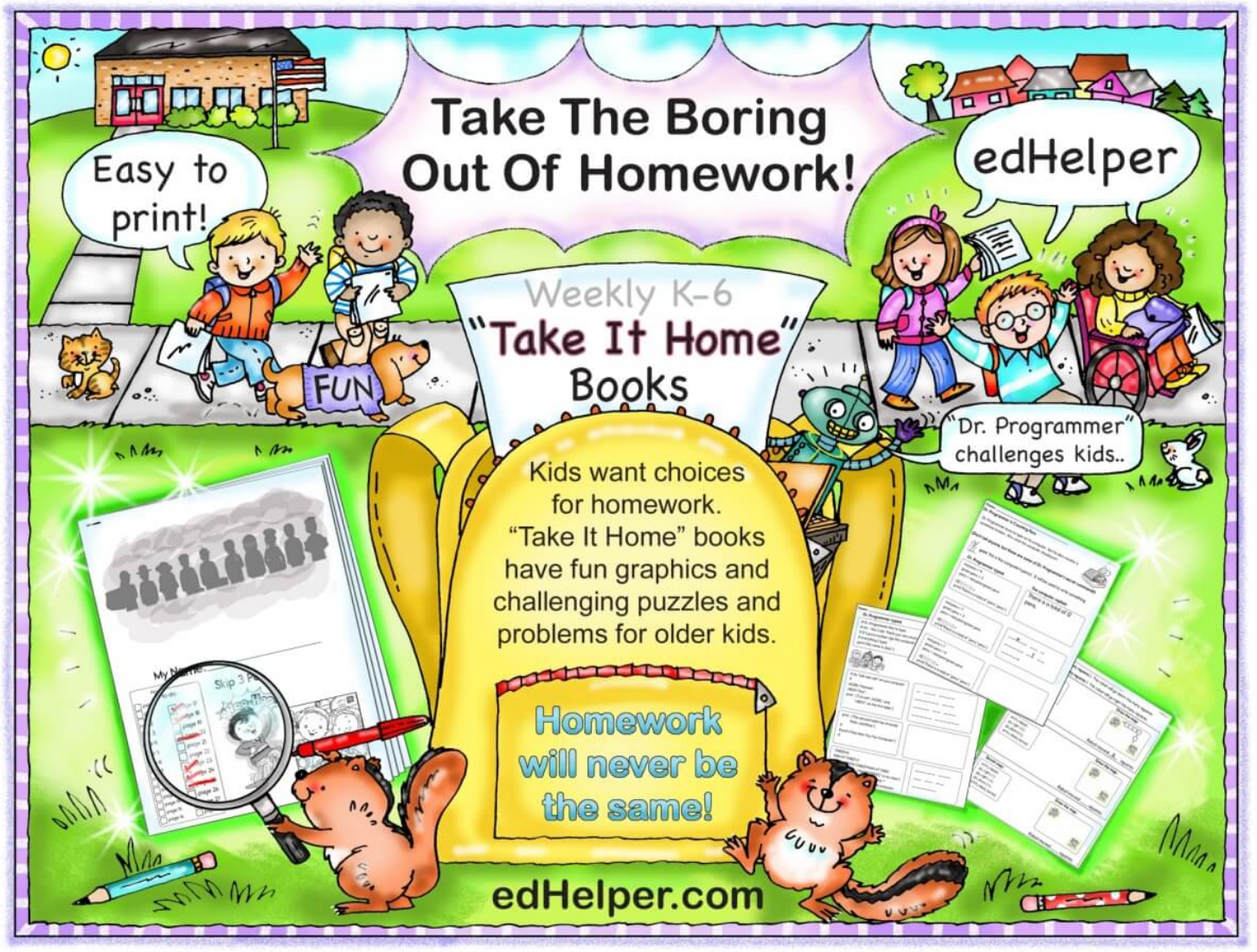
○ 4 + 2 ○ 7 + 2

○ 7 + 3 ○ 3 + 5

nine	five	four

word root **com** can mean **together or with** **commemorate, commotion, compose**

Where can I get more of this great stuff?
More math!
More spelling!
It's NO PREP at edHelper.
More history!
CLASS RULES
edHelper.com!
New online math games!
More things for the classroom!
More science!
New ideas!
More puzzles!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