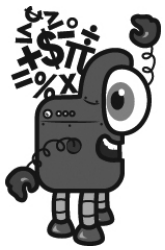
Name: _____

Mental Math

— #1 —



⌘ Start with the number 6. 6

⌘ Add 2 tens. _____

6 8 1 8 2 6 5 0 9 9 (Circle your answer to double check you are correct.)

⌘ Increase that number by 7. _____

7 9 3 3 6 1 3 9 8 4

⌘ Add 3 tens. _____

2 5 9 6 7 9 6 3 1 1

⌘ Subtract 9. _____

6 2 8 3 5 5 4 1 3 7

⌘ Increase that number by 4. _____

1 7 7 2 8 2 3 5 8 3

⌘ Add the number of legs on 2 chickens. _____

6 2 2 4 7 6 8 6 9 2

⌘ Divide that number in half. _____

9 3 1 7 1 6 4 0 2 5

⌘ Subtract 8. _____

4 2 9 2 3 5 1 0 7 3

Name: _____

Cross off the number that does NOT belong.

2, 2, 9, 2, 2, 9, 2, 2, 9, 9, 2, 2, 9

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

90, 100, 110, 120, 130, 135, 140

Why does _____ not belong in the pattern?

Name: _____

Miss Allen made 20 cups of hot tea. Justin drank 2 cups of tea. Peter drank 3 cups. Megan drank 1 cup. Rosa drank 4 cups. How many cups of tea were left?

Erin asked Max how many cows he saw. He said there were fewer than 22. There were more than 20. How many cows did Max see?

Mrs. Robinson sold 6 apple pies. Wendy sold 5 cherry pies. How many pies were sold in all?

Jim has three red trucks and seven blue trucks. He gave half of his trucks to Tim. How many trucks did he give to Tim?

Add the numbers by regrouping.

1	1			
3 4	2 1	2 8	3 3	1 3
+ 4 7	+ 6 9	+ 5 6	+ 1 7	+ 5 9
☐ 1	☐ 0	☐☐	☐☐	☐☐

2:00 a.m. to 12:00 p.m.

○ 7 hours ○ 10 hours

○ 8 hours ○ 5 hours

Circle the two words in the sentence that can be written as a contraction. Write the contraction on the line.
The snack did not break in half. It broke in fourths.

_____

100 more than 665

word root **se** can mean **apart** **secret, sequester**

Name: _____

Make change. You can use $20, $10, $5, $1, 25¢, 10¢, 5¢, or 1¢.

Use the fewest bills and coins to make $43.56.

$20	$20	$1	$1	$1

25¢ 25¢ 5¢ 1¢

Use the fewest bills and coins to make $15.17.

	$5

○ ○ 1¢ ○

Use the fewest bills and coins to make $51.43.

○ ○ ○ ○ ○ ○

Use the fewest bills and coins to make $41.16.

○ ○ ○

27, ____, ____, ____, 31,

32

Maria has 7 squishies. She has 4 red ones. The rest are yellow. How many squishies are yellow?

Rose loves reading. She read 2 books this month. She plans to read 7 more. How many books will she read this month?

Name: _____

Megan has twelve cousins. Five of them live in a big city. How many of her cousins do not live in a big city?	There were 15 red shirts at the thrift shop. Ms. Thompson bought 8 of them. How many red shirts were left?	Last year Amanda hit 7 home runs. Ava hit 15 home runs. How many more home runs did Ava hit than Amanda?

Write how much to add or subtract.

2 (+ 2) 4 (+ 2) 6

Start with 2.

Add 2. Repeat.

16 ◯ 12 ◯ 8

Start with _____.

Subtract _____. Repeat.

19 ◯ 13 ◯ 7

Start with _____.

Subtract _____. Repeat.

1 ◯ 4 ◯ 7

Start with _____.

Add _____. Repeat.

9 ◯ 14 ◯ 19

Start with _____.

Add _____. Repeat.

4 ◯ 9 ◯ 14

Start with _____.

Add _____. Repeat.

9 ◯ 6 ◯ 3

Start with _____.

Subtract _____. Repeat.

10 ◯ 8 ◯ 6

Start with _____.

Subtract _____. Repeat.

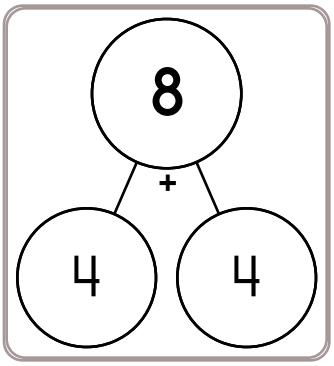
5 ◯ 11 ◯ 17

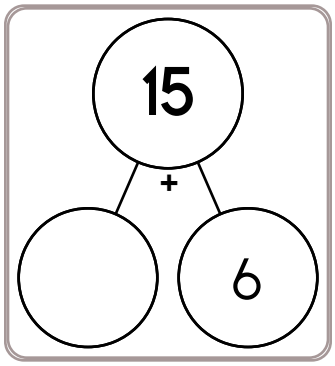
Start with _____.

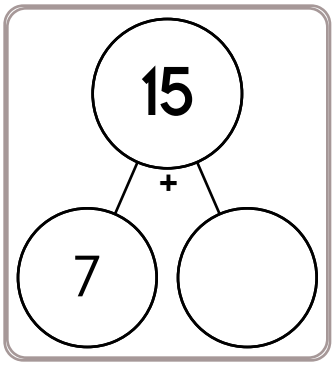
Add _____. Repeat.

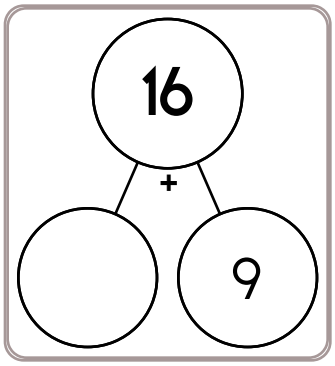
Name: _____

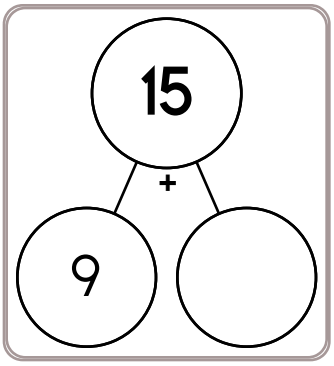
___ + 6 = 13	4 + ___ = 11	7 + ___ = 11
___ + 6 = 12	2 + ___ = 10	___ + 7 = 9
___ + 8 = 15	2 + ___ = 11	___ + 5 = 14
7 + ___ = 13	7 + ___ = 16	___ + 3 = 7

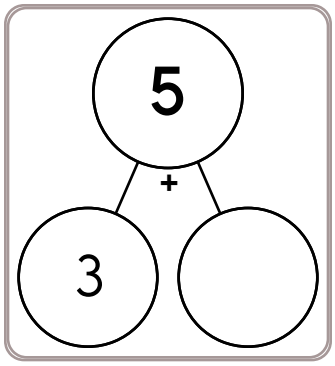


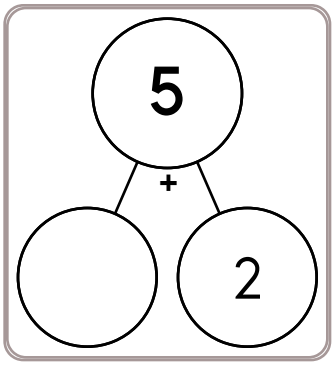


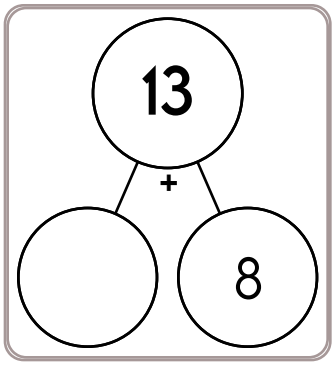






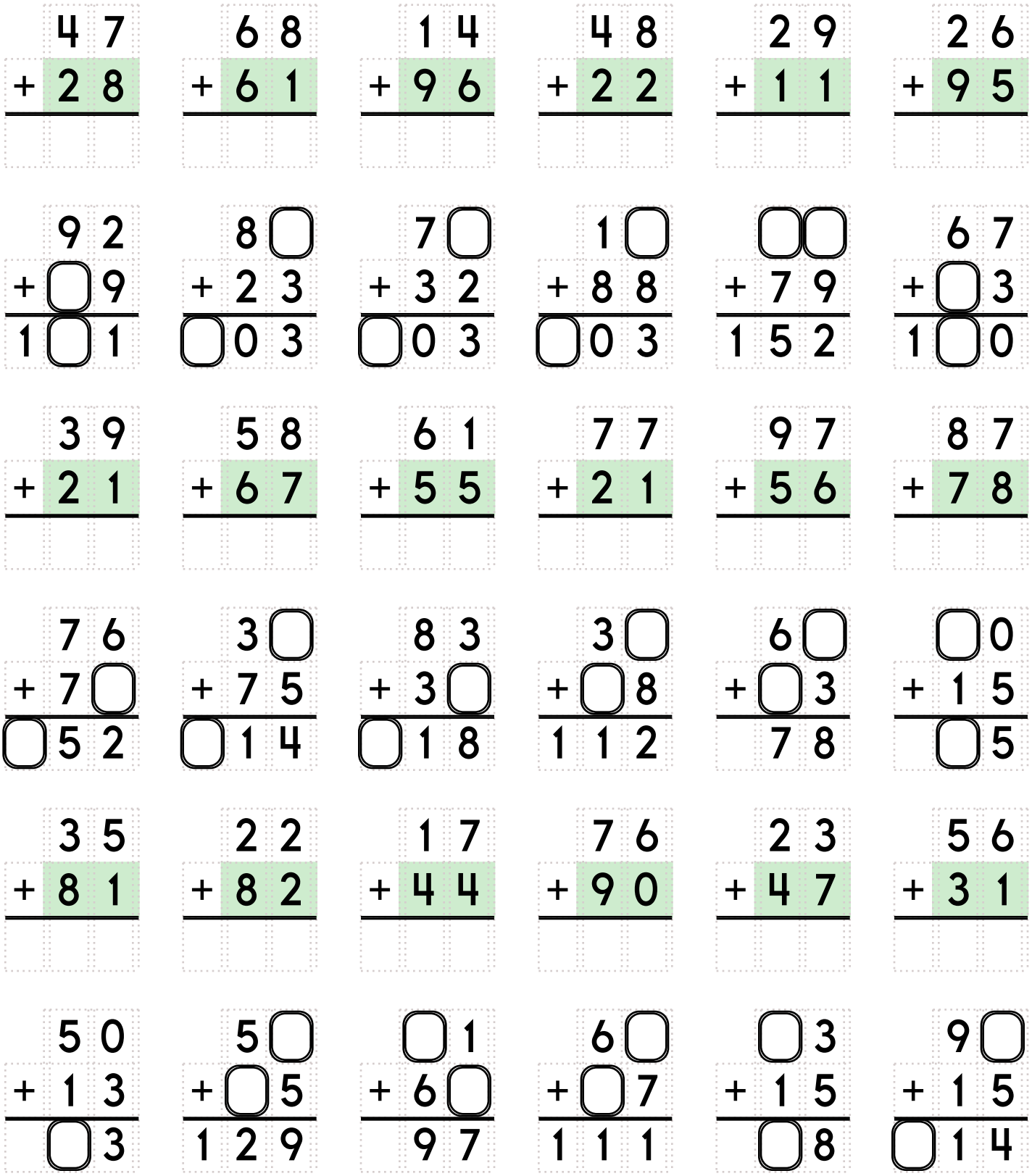






6 - 2 =	3 + 5 =	4 + 9 =	3 + 4 =	6 + 7 =	8 - 2 =	3 - 3 =	2 + 4 =	9 - 7 =
7 - 7 =	6 - 4 =	9 - 7 =	9 - 5 =	7 + 6 =	4 + 2 =	9 - 4 =	9 - 8 =	8 + 8 =

Name: _____


47 + 28
68 + 61
14 + 96
48 + 22
29 + 11
26 + 95
92 + □9 = 1□1
8□ + 23 = □03
7□ + 32 = □03
1□ + 88 = □03
□□ + 79 = 152
67 + □3 = 1□0
39 + 21
58 + 67
61 + 55
77 + 21
97 + 56
87 + 78
76 + 7□ = □52
3□ + 75 = □14
83 + 3□ = □18
3□ + □8 = 112
6□ + □3 = 78
□0 + 15 = □5
35 + 81
22 + 82
17 + 44
76 + 90
23 + 47
56 + 31
50 + 13 = □3
5□ + □5 = 129
□1 + 6□ = 97
6□ + □7 = 111
□3 + 15 = □8
9□ + 15 = □14

Name: _____

2 4 6 8 10

2 + 2 = ____

4 + 2 = ____

6 + 2 = ____

8 + 2 = ____

2 4 6 8 10 12 14 16 18

16 + 2 = ____

2 4 6 8 10 12 14

12 + 2 = ____

2 4 6 8

6 + 2 = ____

2 4 6 8 10 12

10 + 2 = ____

2 4 6 8 ____

8 + 2 = ____

2 4 6 8 10 12 14 16 ____

16 + 2 = ____

2 4 6 8 10 ____

10 + 2 = ____

Name: _____

2 4 6 8 10 12 14 16 ____

16 + 2 = ____

2 4 6 ____

6 + 2 = ____

2 4 6 8 10 12 14 ____

14 + 2 = ____

2 4 6 8 10 ____

10 + 2 = ____

2 4 6 8 10 12 ____

12 + 2 = ____

2 + 2 = ☐

4 + 2 = ☐

6 + 2 = ☐

4 + 2 = ☐

6 + 2 = ☐

8 + 2 = ☐

6 + 2 = ☐

8 + 2 = ☐

2 + 2 = ☐

8 + 2 = ☐

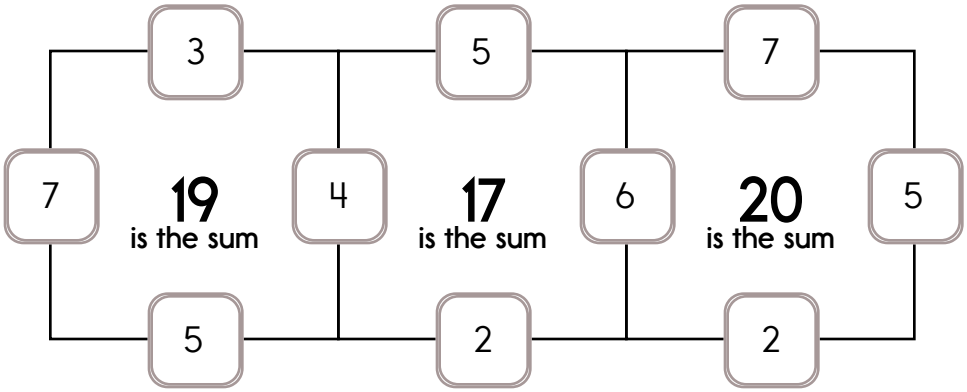
Name: _____

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

Example:
7 + 4 + 3 + 5 = 19

Example:
6 + 5 + 7 + 2 = 20

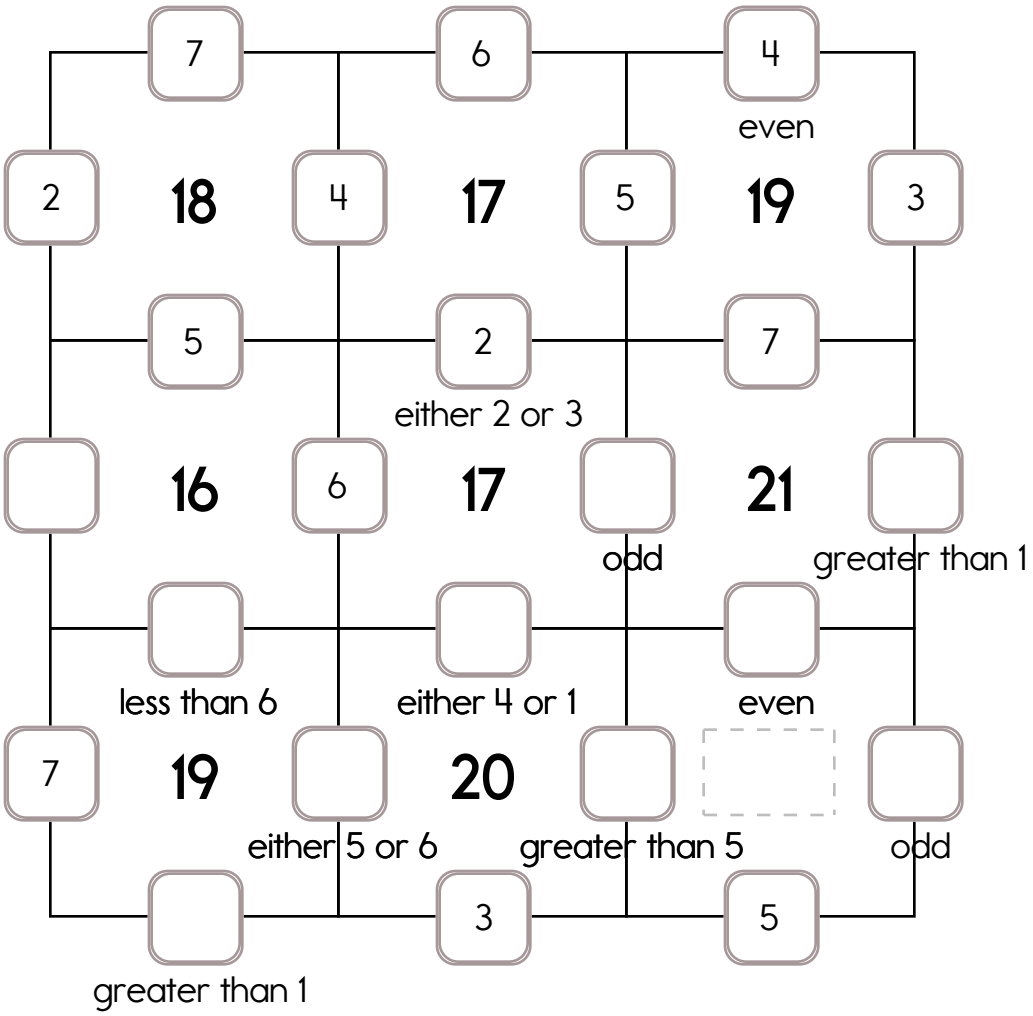
Sample:



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: 1, 2, or 3.

The other three numbers have to all be DIFFERENT and must be from these: 4, 5, 6, or 7.



Name: _____

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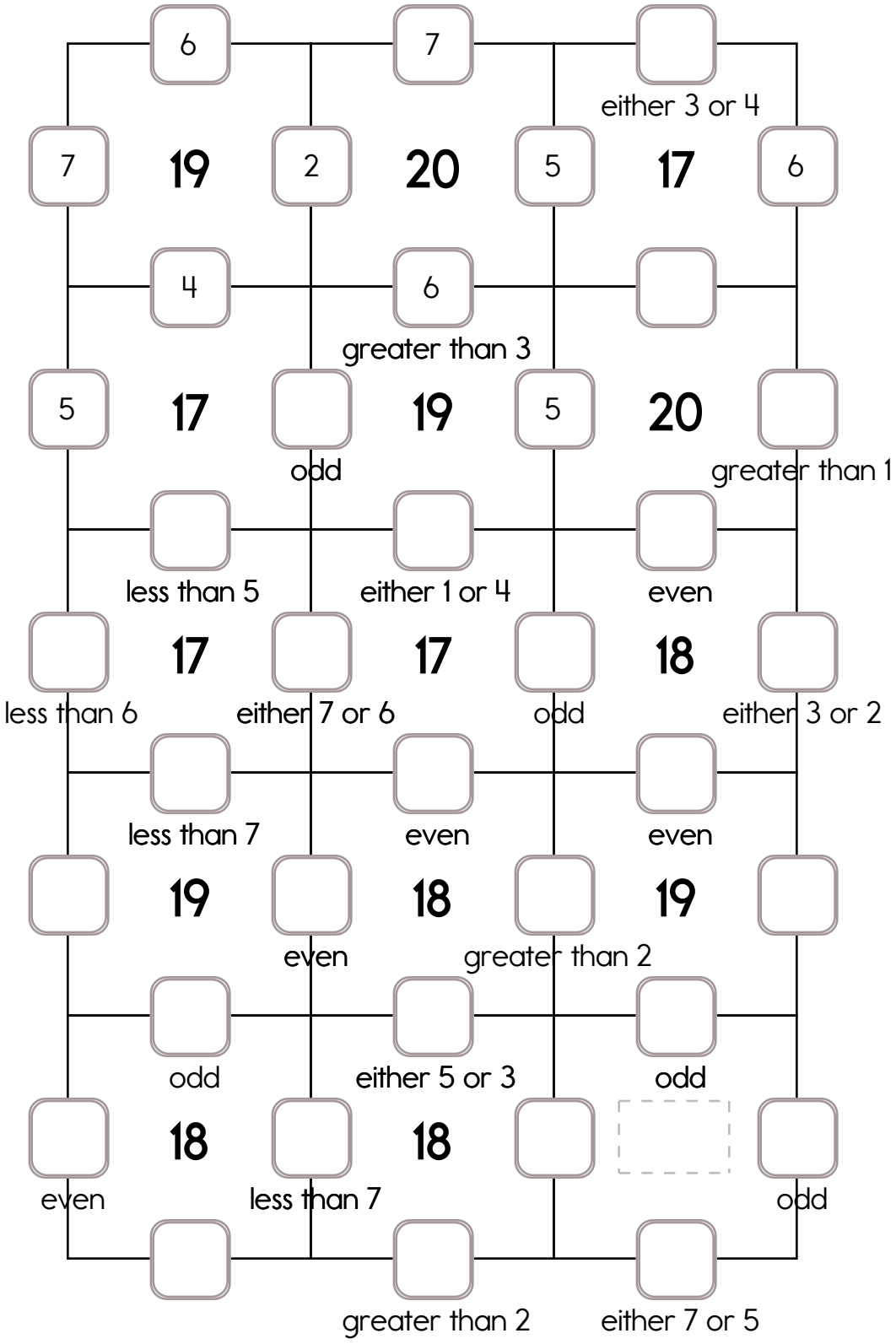
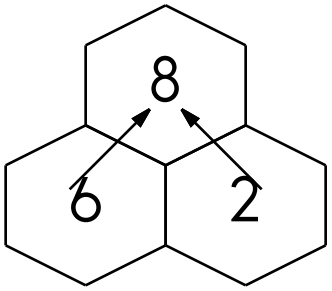
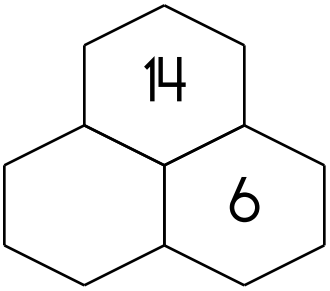
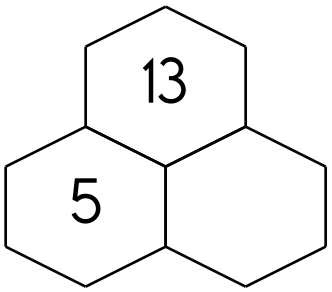


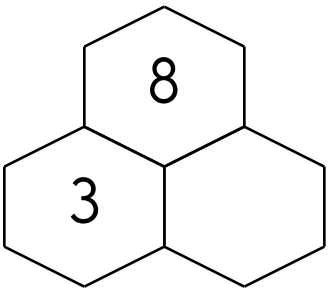
Name: _____

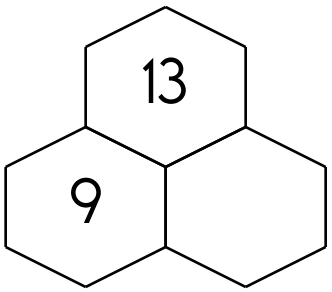
Fill in the blanks by adding the two numbers below each hexagon.

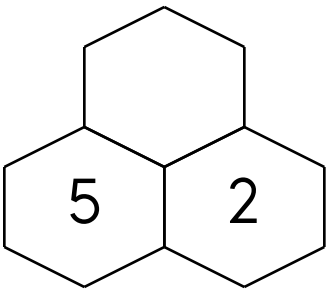


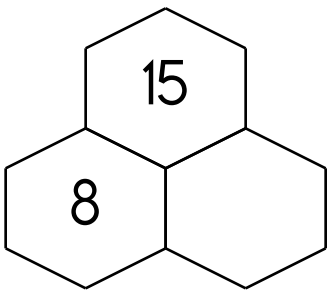


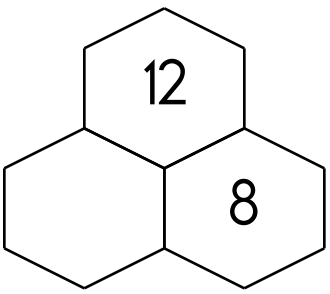












D, H, L, _____, T, X

Rosa started school with 11 pencils in her desk. She counted her pencils. She only has 7. How many pencils has she used?

thirty-six plus nine equals

word root **il** can mean **not** **illiterate, illegible**

Name: _____

Complete each pattern, using the same rule. Write what the rule is.

D, H, ___, ___, T, X
B, F, ___, ___, ___, ___, Z

Complete each pattern, using the same rule. Write what the rule is.

125, 118, 111, 104, 97, 90, 83, _____, _____
101, _____, _____, 80, _____, 66
_____, 94, 87, 80, 73, 66, 59, 52, _____, _____
_____, _____, _____, _____, 58, 51

Name: _____

nineteen

Rosa had seven apples. Megan had four apples. How many more apples did Rosa have?

$$\begin{array}{r} 33 \\ +\ 43 \\ \hline \end{array} \qquad \begin{array}{r} 48 \\ +\ 10 \\ \hline \end{array}$$

800+20+4

$$\begin{array}{r} 86 \\ -\ 22 \\ \hline \end{array}$$

n	e	s	i	r	w	e	e	i	f
l	g	l	o	q	h	a	y	y	e
a	a	x	r	e	v	e	n	f	f
a	n	z	t	e	i	u	q	m	d
g	n	t	a	o	i	a	l	q	i
l	e	f	e	n	o	g	d	e	u
d	l	o	h	n	a	f	s	d	u
r	s	a	w	s	w	e	w	x	k

Look for these words BACKWARDS in the word search:

never fan quiet gone was hold

100 less than 417

$$\begin{array}{r} 87 \\ -\ 35 \\ \hline \end{array}$$

Get your ruler. Draw a line using your ruler that is 4 centimeters long.

$$\begin{array}{r} 71 \\ +\ 23 \\ \hline \end{array} \qquad \begin{array}{r} 96 \\ -\ 32 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ +\ 30 \\ \hline \end{array}$$

Cross out the word that does not fit in the group as much as the others.

sherbet	ice cream
brownies	fudgesicles
popsicles	jello

$$\begin{array}{r} 27 \\ +\ 50 \\ \hline \end{array} \qquad \begin{array}{r} 81 \\ +\ 16 \\ \hline \end{array} \qquad \begin{array}{r} 57 \\ +\ 42 \\ \hline \end{array}$$

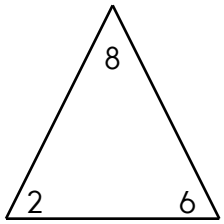
Name: _____

58 - 2 = _____

ten more than 803

$$\begin{array}{r} 33 \\ +\ 60 \\ \hline \end{array}$$

Fill in the blanks using numbers from the fact family.



□ + □ = □

□ + □ = □

□ - □ = □

□ - □ = □

$$\begin{array}{r} 15 \\ -\ 14 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ -\ 50 \\ \hline \end{array}$$

Circle the smaller number.	Circle how you know.	Fill in the numbers.
826 822	hundreds tens ones	_____ is less than _____ . _____ < _____
747 743	hundreds tens ones	_____ is less than _____ . _____ < _____

Fill in the missing letters. Write ee or ei.

_____ght w_____ght th_____r

j_____p qu_____n f_____l

Name: _____

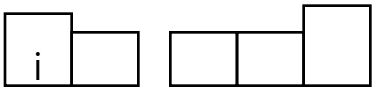
The magician had twenty-two red scarves. He pushed the scarves into his fist. When he opened his fist, half of the scarves were red and half of the scarves were blue. How many of the scarves were blue?

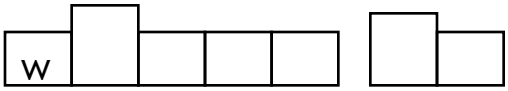
The workers picked up 58 pounds of trash in the first hour. In the second hour they picked up 102 pounds of trash. How much more trash did they pick up in the second hour?

Alex liked to ride his bike. It made him very happy. One day he rode 4 miles. The next day he rode 3 miles. The next day he rode 5 more miles. How many miles did he ride in all?

David weighs 45 pounds. Connor weighs 5 pounds less. How much does Connor weigh?

Write the words for each contraction.

isn't 

where's 

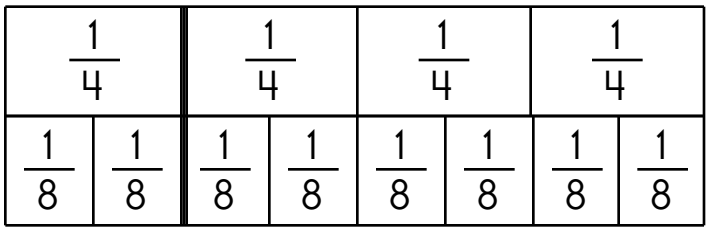
Read the word.
Clap your hand for each syllable.
How many syllables?

buy

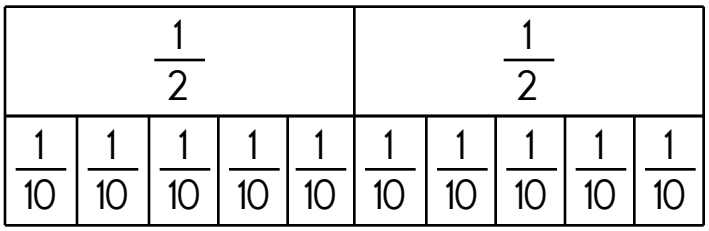
1 2 3

30 + 8 = _____

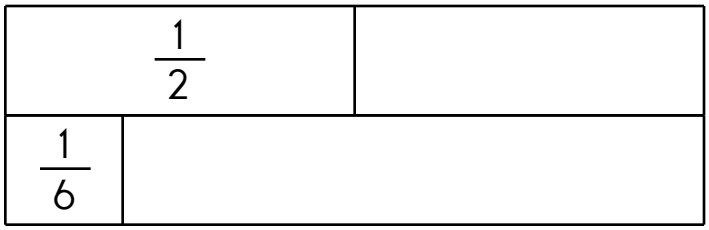
Name: _____



$$\frac{\square}{4} = \frac{2}{8}$$



$$\frac{1}{2} = \frac{\square}{10}$$



$$\frac{1}{2} = \frac{\square}{6}$$

$$\frac{\square}{8} = \frac{1}{2}$$

$$\frac{\square}{9} = \frac{1}{3}$$

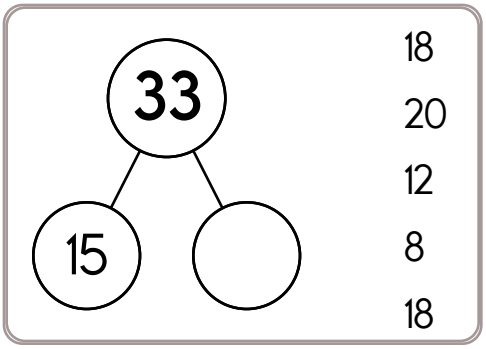
$$\frac{2}{6} = \frac{\square}{3}$$

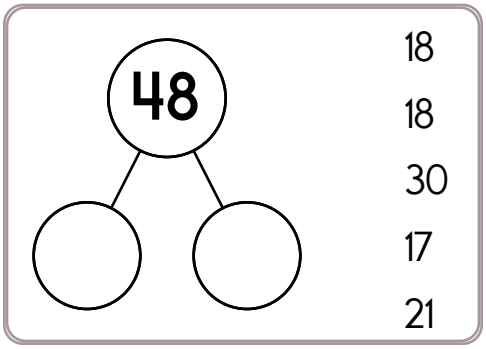
$$\frac{\square}{2} = \frac{2}{4}$$

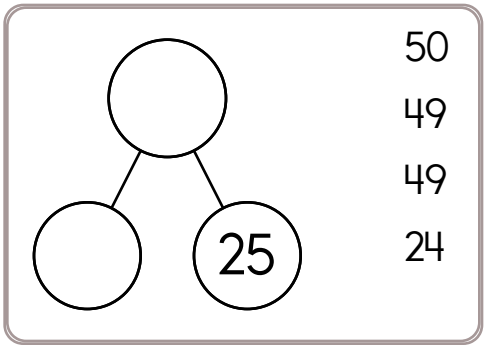
$$\frac{\square}{5} = \frac{\square}{10}$$

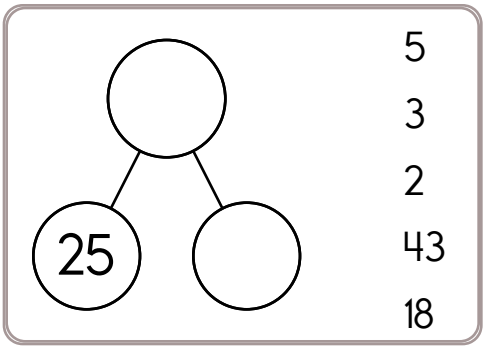
Name: _____

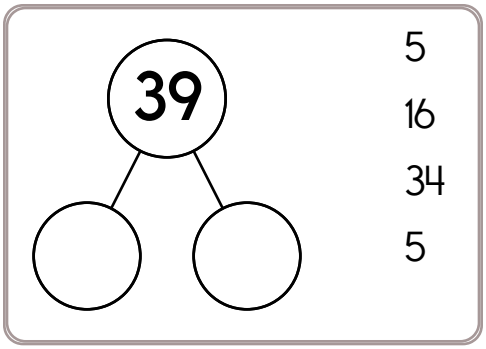
Pick from the numbers to complete each number bond.

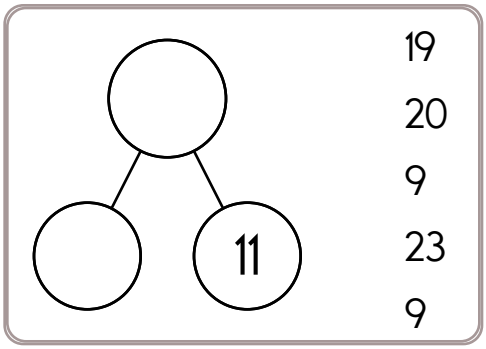


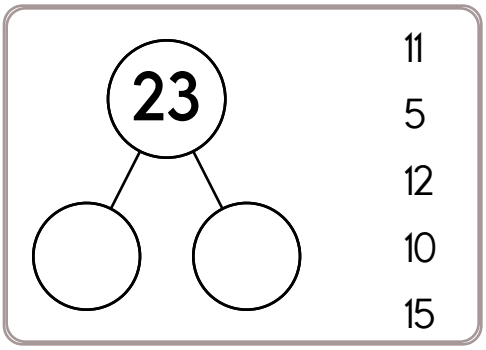


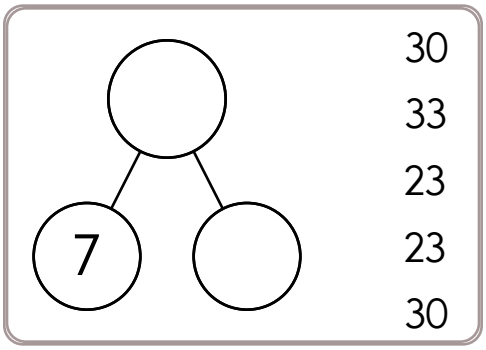


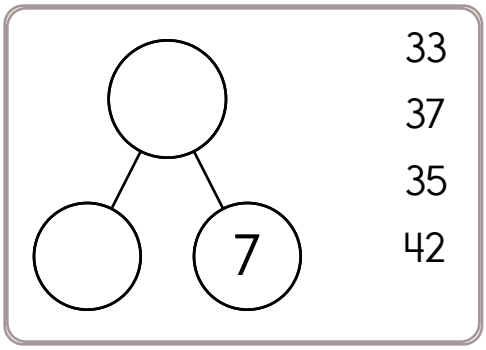


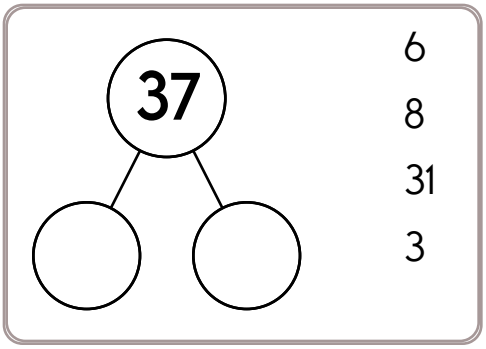


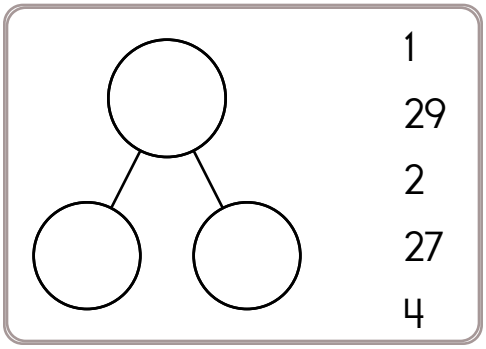


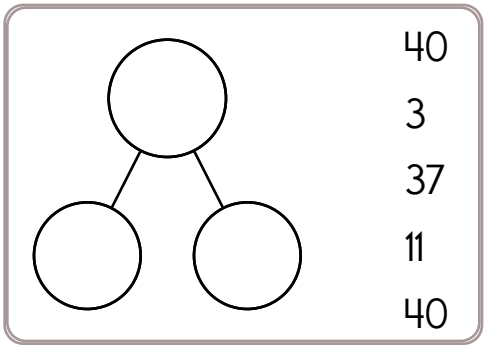






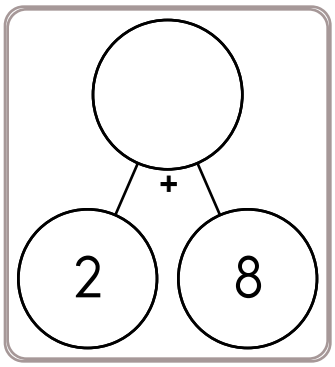


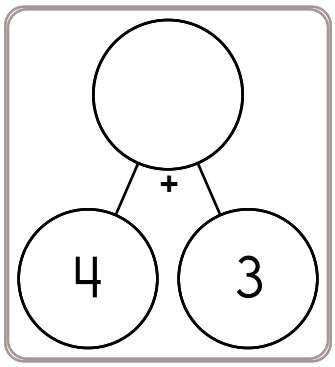


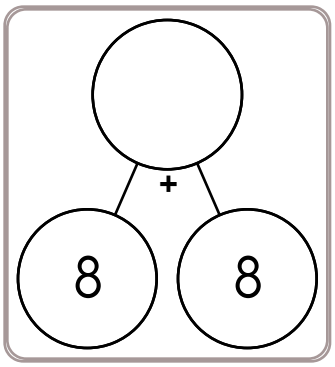


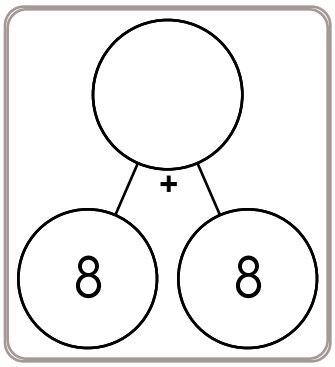
Name: _____

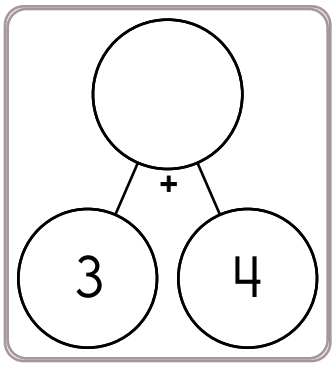
6 + 2	2 + 7	6 + 7	5 + 5	4 + 9	5 + 2	4 + 4	9 + 7	3 + 4
5 + 6	3 + 8	9 + 9	9 + 8	5 + 7	3 + 9	4 + 6	5 + 4	3 + 6

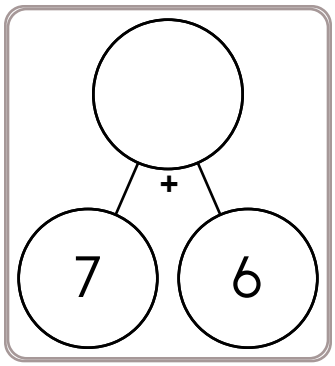


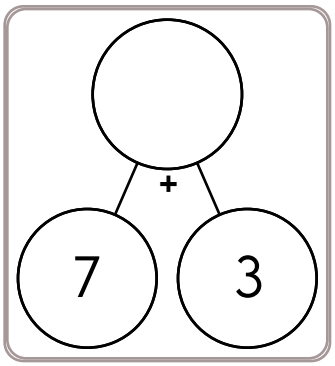


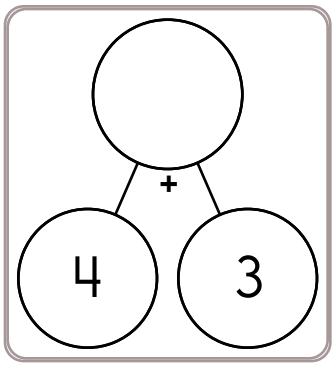






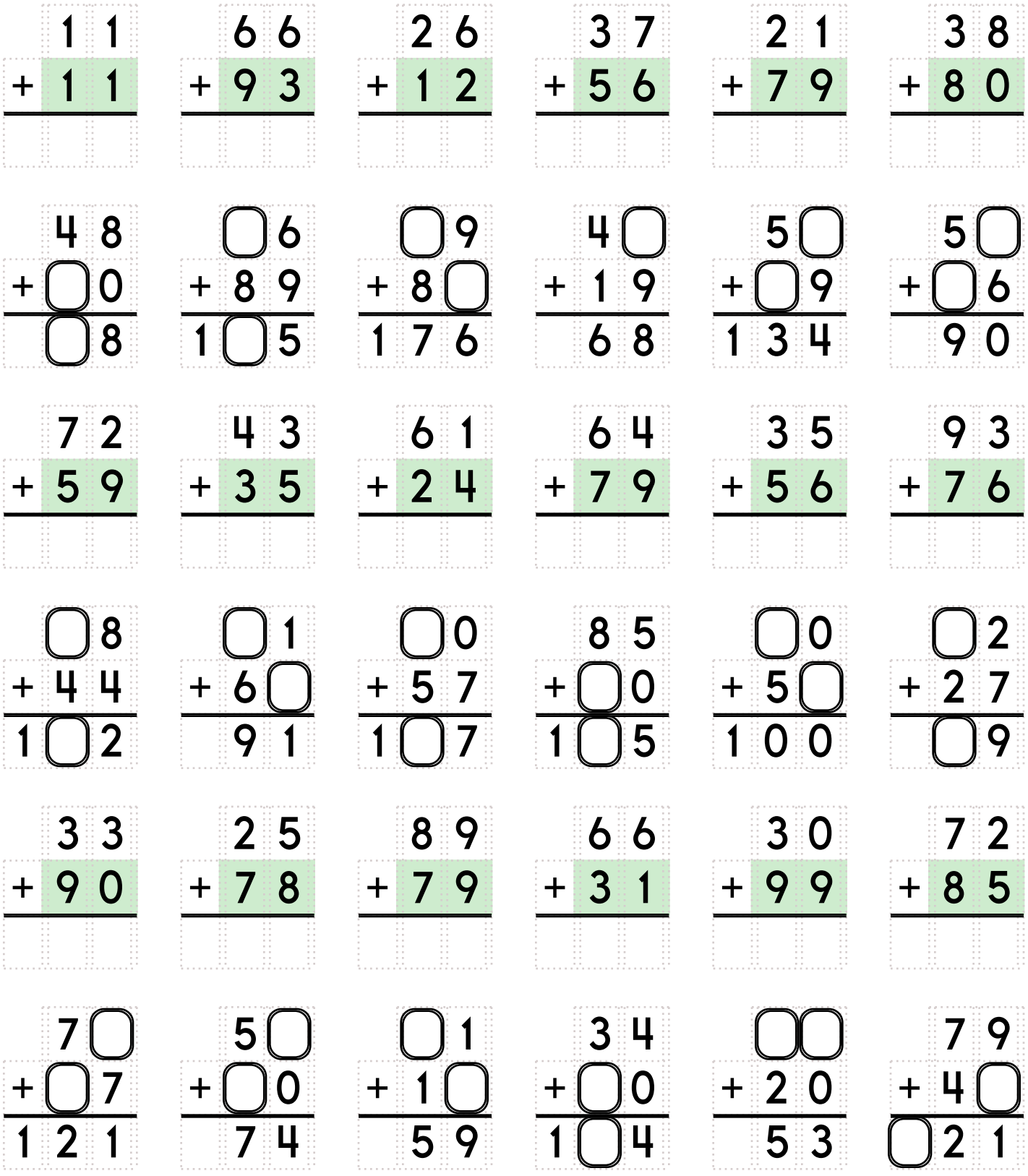






2 + __ = 4	4 + __ = 9	__ + 4 = 7
__ + 7 = 9	8 + __ = 14	__ + 3 = 5
__ + 3 = 8	6 + __ = 15	__ + 6 = 13
__ + 3 = 8	3 + __ = 10	9 + __ = 18

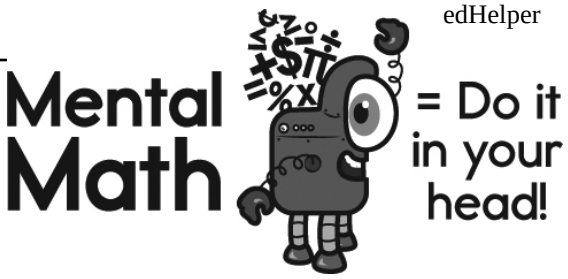
Name: _____


11 + 11
66 + 93
26 + 12
37 + 56
21 + 79
38 + 80
48 + □0 = □8
□6 + 89 = 1□5
□9 + 8□ = 176
4□ + 19 = 68
5□ + □9 = 134
5□ + □6 = 90
72 + 59
43 + 35
61 + 24
64 + 79
35 + 56
93 + 76
□8 + 44 = 1□2
□1 + 6□ = 91
□0 + 57 = 1□7
85 + □0 = 1□5
□0 + 5□ = 100
□2 + 27 = □9
33 + 90
25 + 78
89 + 79
66 + 31
30 + 99
72 + 85
7□ + □7 = 121
5□ + □0 = 74
□1 + 1□ = 59
34 + □0 = 1□4
□□ + 20 = 53
79 + 4□ = □21

edHelper

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 2 in your head add 9 Write the number. ____ ____ A B	imagine 9 in your head double it add 4 Write the number. ____ ____ C D	imagine 7 in your head subtract 2 subtract 4 Write the number. ____ E	imagine 6 in your head subtract 3 add 8 subtract 4 Write the number. ____ F

What is the sum?

A + B + C + D + E + F

____ ____

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

____ ____ ____ **r** ____ ____ **e** ____ ____

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

Name: _____

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

14 - ~~3~~ = _____

14 - 3 = _____

Draw ×

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

2 - × = 1

2 - ___ = 1

Draw □ and ×

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

16 - × = 14

16 - ___ = 14

Draw □ and ×

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

6 - × = 3

6 - ___ = 3

Draw □ and ×

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

11 - × = 4

11 - ___ = 4

Draw □ and ×

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

7 - × = 2

7 - ___ = 2

Name: _____

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

13 - 3 = _____

13 - 3 = _____

Draw ×

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

15 - ___ = 12

15 - ___ = 12

Draw □ and ×

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

8 - ___ = 7

8 - ___ = 7

Draw □ and ×

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

___ - 2 = 10

___ - 2 = 10

Draw □ and ×

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

___ - 9 = 2

___ - 9 = 2

Draw □ and ×

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

13 - ___ = 6

13 - ___ = 6

Name: _____

Complete the pattern.

8	12	16	20	24	28	____ ____
50	60	70	80	90	100	____ ____
27	36	45	54	63	72	____ ____
8	10	12	14	16	18	____ ____

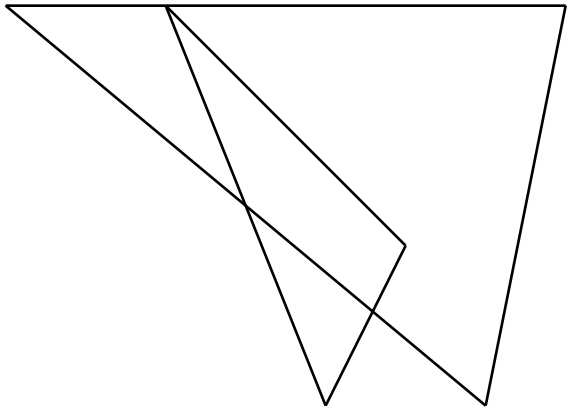
When you take nine away from me, the answer is four. What number am I?

_____

300+40+9

$$\begin{array}{r} 74 \\ -\ 60 \\ \hline \end{array}$$

How many triangles can you find?
Color the smallest triangle you can find red.
Color the largest triangle you can find yellow.
(Hint: Look for small and big triangles.)



_____ triangles

47 - 7 = _____

Circle the words.

tightseventhgonetellsnownetsocks

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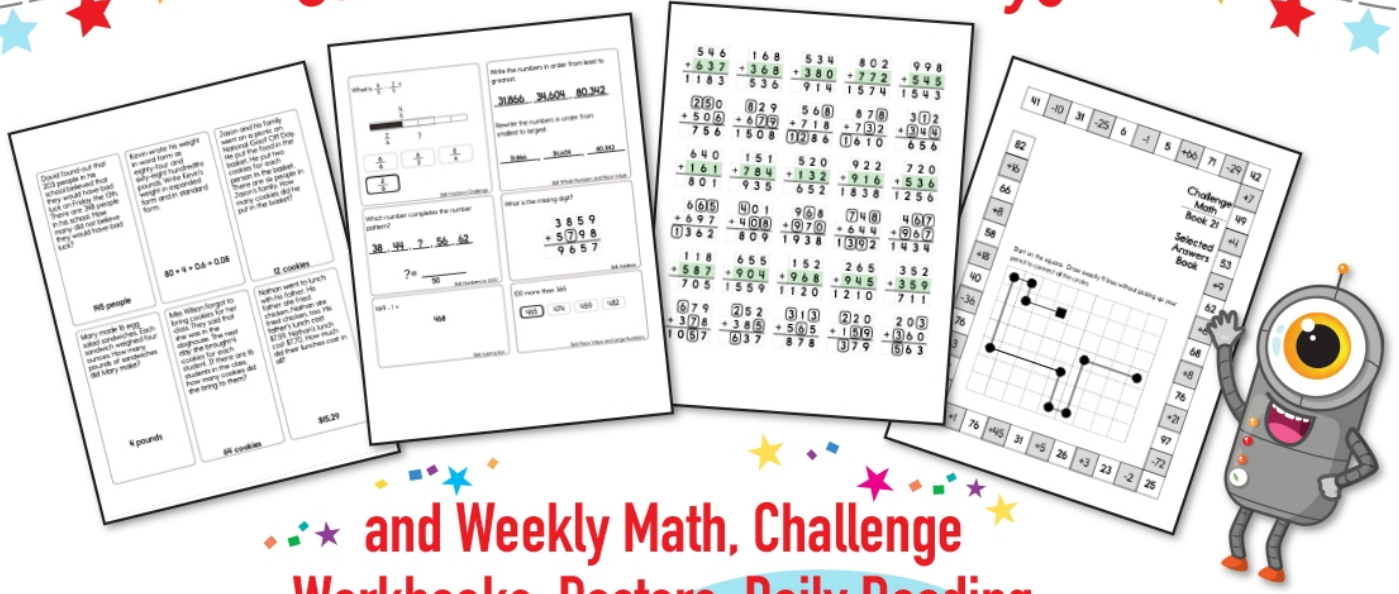

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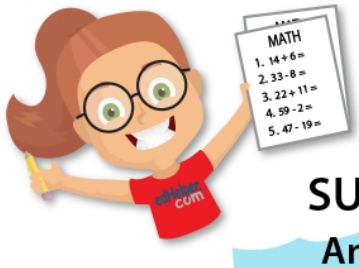

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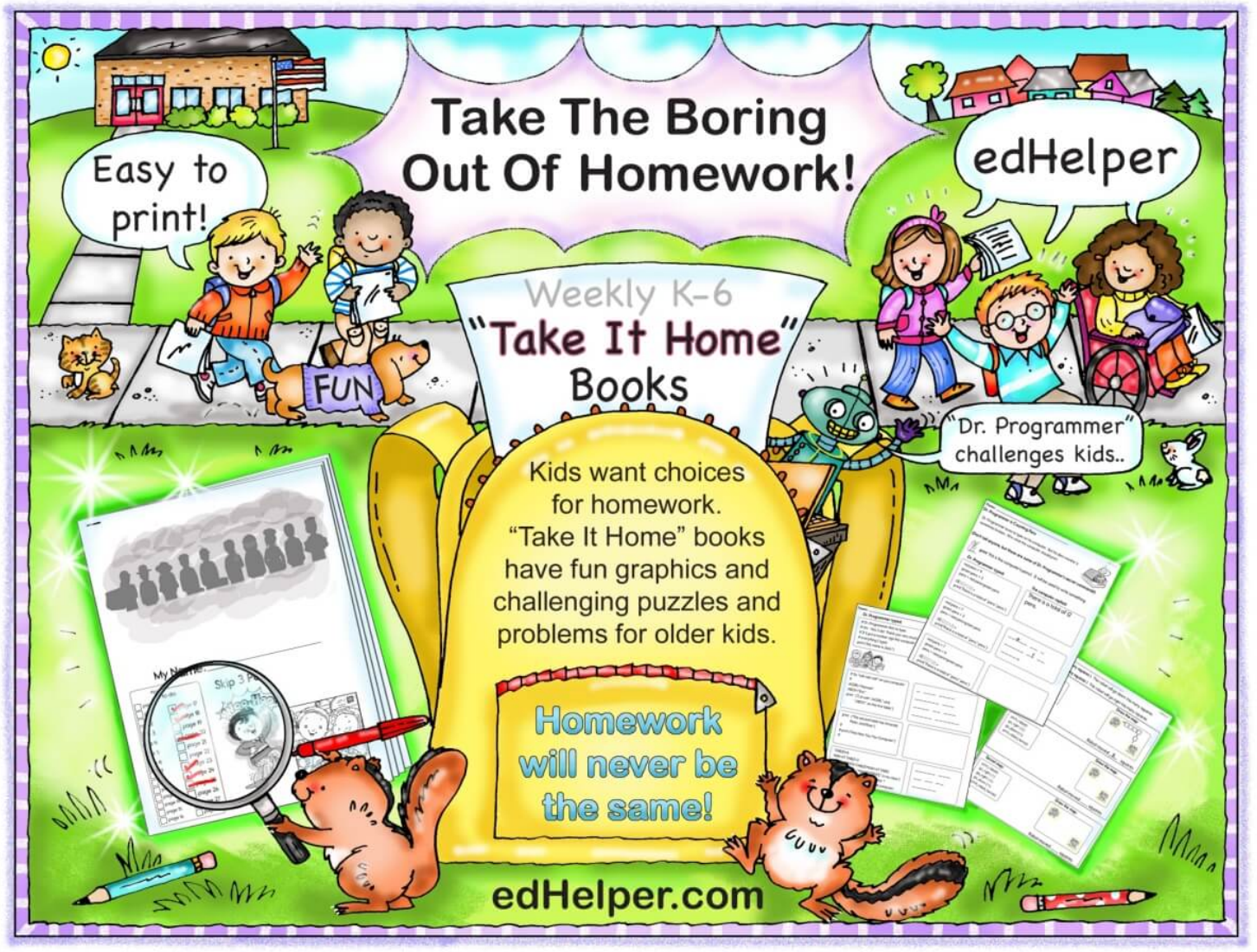
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