

Name: _____

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

G, G, J, G, G, J, G, G, J, G, ____, J, G, G, J

R, R, F, R, R, F, R, ____, ____, R, R, F, R, ____, __

____, ____, G, ____, ____, G, Q, Q, G, Q, Q, G

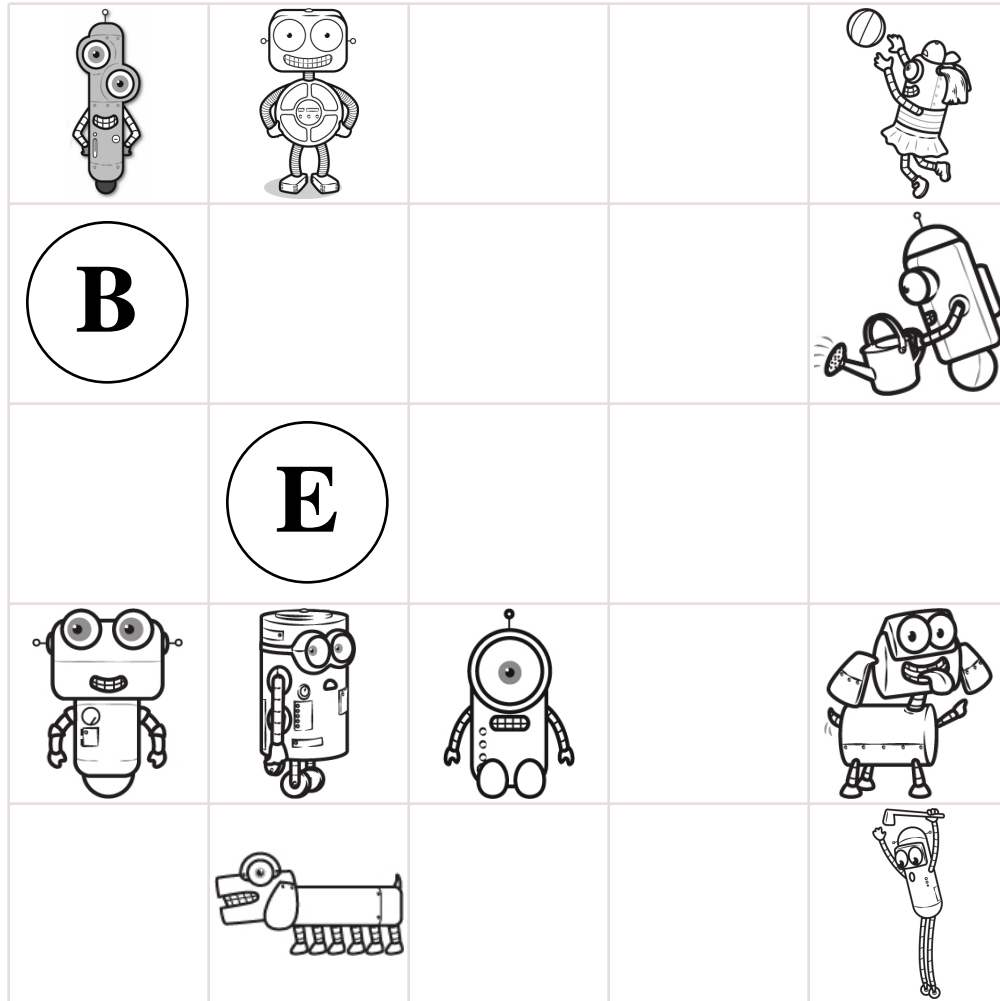
Complete each pattern, using the same rule. Write what the rule is.

A, E, I, M, Q, ____, __

____, F, J, N, R, V, __

Name: _____

Pick up all of the robots from the game board. Start on the **B** circle. Do not pick up your pencil. Draw a line going left, right, up, or down. **Every line must end on a robot or the E circle. No stopping on an empty box.** Try to collect all the robots and end your last line on the **E** circle. You can go through a robot more than once.



Didn't get them all? That's ok. This was hard. I missed only _____ robot/robots.

Name: _____

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

Hannah did 6 math problems. Then she did 4 more problems. How many did she do in all?

Paul Bunyan cuts down 3 trees. He cuts down 5 more trees. How many trees does he cut down?

There were 9 ghosts on the stairs. Six ghosts flew away. How many ghosts were left?

$\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 7 \\ \hline \end{array}$
---------------------------------------------------	---------------------------------------------------	---------------------------------------------------	---------------------------------------------------	---------------------------------------------------	---------------------------------------------------	---------------------------------------------------	---------------------------------------------------	---------------------------------------------------

across →

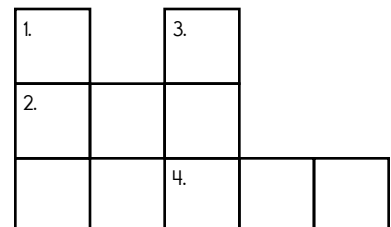
2.  _u_

4.  _ar

down ↓

1.  f_x

3.  a_ _





Name: _____

Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.

Circle the fifth number.

D, 3, D, 6, 8, F, 5, A, A,
A, 1, 9, 9, 4, F, 6, D, B, 3

How much is this?



How many?



Peter needs ten cents.
How much more money
does he need?



Estimate. Sarah took a
large cup and filled it with
pencils. How many could
she fit into the cup?

8
18
28
38

Circle all the ways to make
6.

3 + 2 3 + 3 4 + 2
5 + 1 1 + 4 3 + 1
2 + 6 3 + 5 3 + 4

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

$$6 + 1 = \underline{\quad}$$

How many?



What is ten more than 83?

J, G, K, H, _____, I,
M, J, N, K

58, _____, _____, 61, 62,

12, 14, 16, _____, 20,
22, 24, 26

Name: _____

Mrs. Allen had 14 needles. She bought 4 more. How many needles does she have now?

Farmer John planted six rows of corn, eleven rows of wheat, two rows of tomatoes, and four rows of strawberries. How many rows did Farmer John plant in all?

There are 3 nests in the apple tree. There are 3 eggs in each nest. How many eggs are there in all?

1 2 3 4 5 6 7 8 9 10

$$\boxed{6} + \textcircled{2} = \underline{\quad}$$

$$6 + 2 = \underline{\quad}$$

Draw ○

1 2 3 4 5 6 7 8 9 10

$$\boxed{9} + \textcircled{1} = \underline{\quad}$$

$$9 + 1 = \underline{\quad}$$

Draw □ and ○

1 2 3 4 5 6 7 8 9 10

$$\boxed{2} + \textcircled{3} = \underline{\quad}$$

$$2 + 3 = \underline{\quad}$$

Add 1 or 10.

17

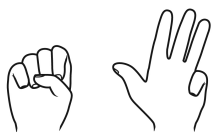

31	
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47	
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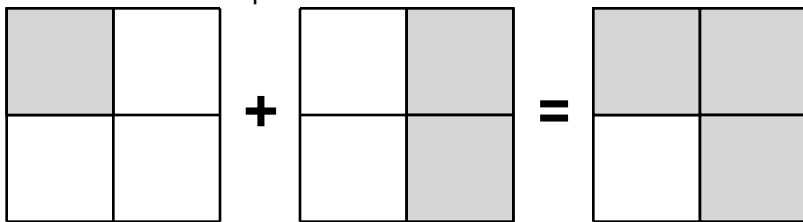
21

34	
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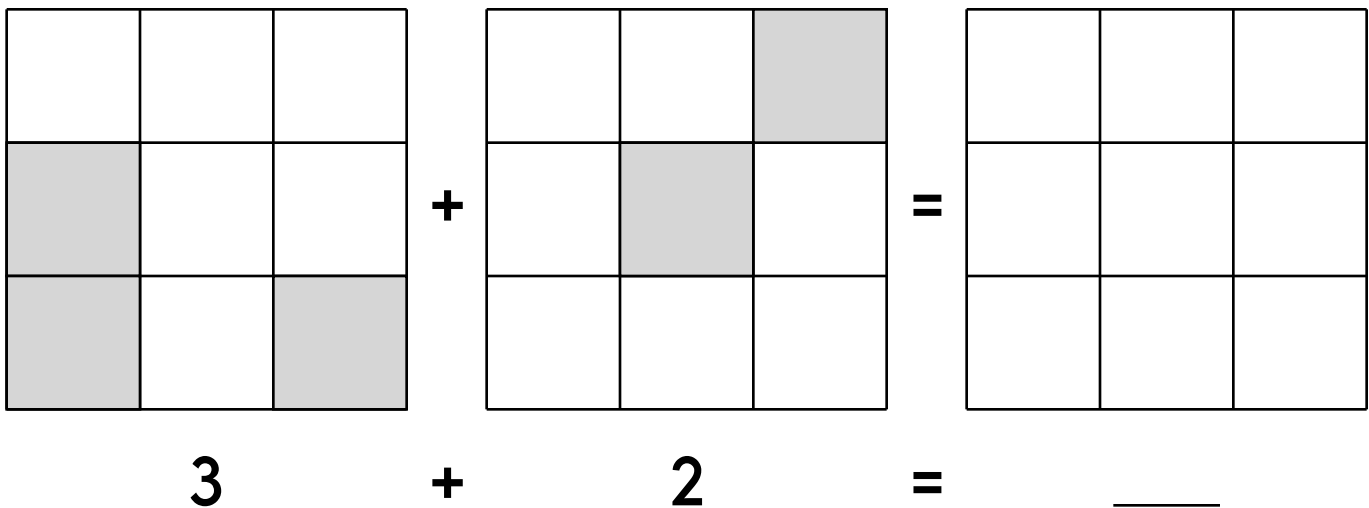
Name: _____

Cross out the smaller number.	How many? 	Write 1 more.
12 11		3 → 4
18 19		7 → 8
15 11		1 → 2
17 11		

Here is an example of shade box addition:



Complete this shade box addition.



BED	X K D T E B E H F D B B E D H D A B J D D B
GREW	W G R E W R Z W G R E E W U R E G G B T D M
CLAM	L M C C G J X C C L A M L Q M C L I A M S Y

Name: _____

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

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

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

Draw ○

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

$$\boxed{3} + \textcircled{6} = \underline{\quad}$$

$$3 + 6 = \underline{\quad}$$

Draw □ and ○

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

$$\boxed{1} + \textcircled{6} = \underline{\quad}$$

$$1 + 6 = \underline{\quad}$$

Draw □ and ○

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

$$\boxed{16} + \textcircled{4} = \underline{\quad}$$

$$16 + 4 = \underline{\quad}$$

Draw □ and ○

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

$$\boxed{13} + \textcircled{2} = \underline{\quad}$$

$$13 + 2 = \underline{\quad}$$

Draw □ and ○

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

$$\boxed{10} + \textcircled{4} = \underline{\quad}$$

$$10 + 4 = \underline{\quad}$$

Name: _____

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

$$\boxed{11} + \textcircled{2} = \underline{\quad}$$

$$11 + 2 = \underline{\quad}$$

Draw ○

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

$$\boxed{12} + \bigcirc = 16$$

$$12 + \underline{\quad} = 16$$

Draw □ and ○

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

$$\boxed{4} + \bigcirc = 8$$

$$4 + \underline{\quad} = 8$$

Draw □ and ○

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

$$\boxed{5} + \bigcirc = 18$$

$$5 + \underline{\quad} = 18$$

Draw □ and ○

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

$$\boxed{8} + \bigcirc = 20$$

$$8 + \underline{\quad} = 20$$

Draw □ and ○

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

$$\boxed{17} + \bigcirc = 19$$

$$17 + \underline{\quad} = 19$$

Name: _____

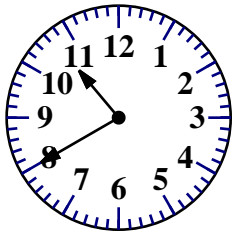
29, 30, 31, _____, _____,

What is ten less than 68?

How many?



What time is it?



____:____

Write the number that
is 1 more.

14 _____

66 _____

89 _____

Write these numbers in
order from largest to
smallest.

10, 15, 4

____, _____, _____

Circle the fifth letter.

D, B, 2, 4, 6, B, A, A, D,
3, 3, 3, A, A, 3, B, 6

How much is this?



How many dots on the bug?



How many?



Circle all the ways to make
4.

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

18, 19, _____, _____, 22,

____, _____

What is ten less than 87?

How much is this?



A, D, G, J, M, P,

____, V, Y

The diagram shows the addition of two 2x2 matrices. The first matrix has a shaded top-left cell. The second matrix has shaded top-right and bottom-right cells. The resulting matrix has shaded top-left, top-right, and bottom-right cells.

 $8 + 2$
$$6 + 6$$
$$6 + 4 = \underline{\quad}$$

try
one

--	--	--

 $0 + 7 = \underline{\hspace{2cm}}$

○ 8 ○ 3 ○ 7 ○ 6

○7 ○4 ○6

○3 ○6 ○2

Write the missing letter to spell red.

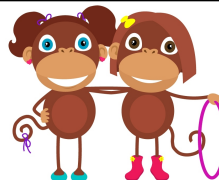
r_d re_ _ed

○ cutt

○ cut

○ cut

○ kut

[illegible]

_____ tens _____ ones

Number = _____

Name: _____

Color in the boxes.

right = red, want = red,

them = purple, off = pink,

those = black, give = pink,

and = purple, start = black

What is the hidden number? _____

give	right	give	them	give	want	them
them	and	off	right	and	give	them
right	those	start	those	those	start	right
those	them	give	want	off	want	start
start	want	give	them	off	and	start
give	those	start	start	those	start	want
start	and	right	give	and	off	start
those	off	and	right	want	right	those
right	start	those	those	start	start	give

Ava has six red blocks and one green block. How many blocks does she have in all?

$$6 + 1 = \underline{\hspace{2cm}}$$

She has _____ blocks in all.

There are 3 cups of milk in the bottle. We will use 2 cups of milk to make pudding. How many cups of milk will be left?

d b n f t
j w i l l
i u i v m
t n o t l

five

Word Bank
not will

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 7 in your head

add 2

Write the number.

_____ A

imagine 2 in your head

add 5

add 7

Write the number.

_____ B C

imagine 9 in your head

double it

subtract 2

Write the number.

_____ D E

imagine 2 in your head

add 6

add 9

Write the number.

_____ F 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?

_____ - _____ i _____ n _____ e _____

4 before 16 _____

7 after 17 _____

3 before 18 _____

9 before 12 _____

5 after 16 _____

2 before 17 _____

7 before 14 _____

8 after 18 _____

1 before 13 _____

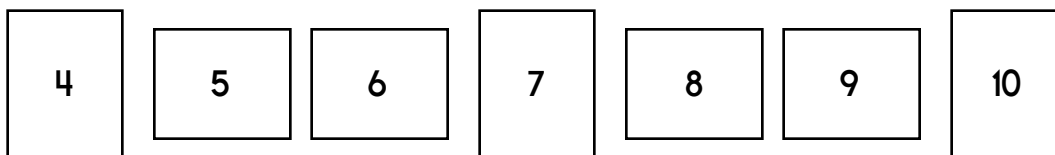
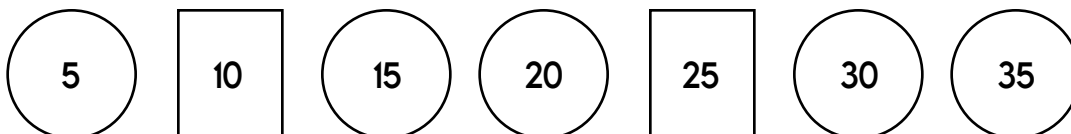
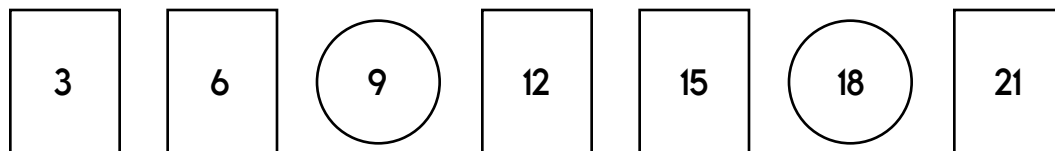
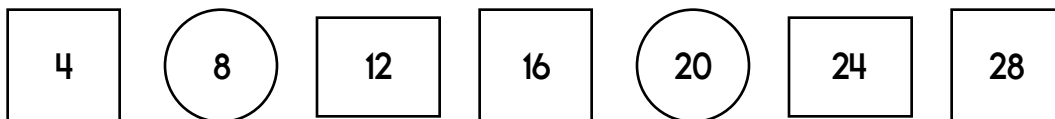
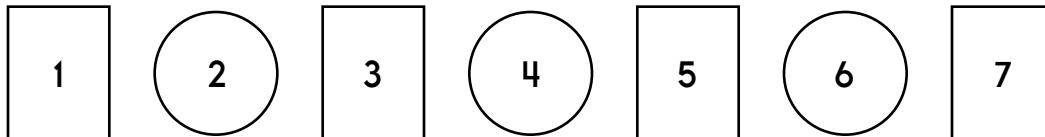
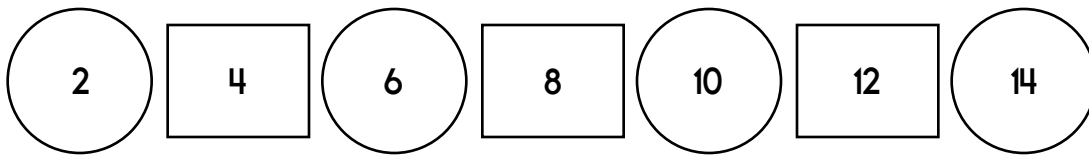
8 before 11 _____

1 after 11 _____

6 before 19 _____

Name: _____

Complete the pattern.



How many dots on the bug?



27, 28, _____, _____, 31,

_____, _____

A, D, G, J, _____, P,

S, V, Y



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x
+ =
- ÷
< >

More
puzzles!



