

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 4 in your head

add 7

Write the number.

\_\_\_\_\_  
A      B

imagine 7 in your head

double it

add 6

Write the number.

\_\_\_\_\_  
C      D

imagine 4 in your head

add 7

add 8

Write the number.

\_\_\_\_\_  
E      F

imagine 6 in your head

add 1

subtract 2

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    n \_\_\_\_\_

6 before 11 \_\_\_\_\_

6 after 15 \_\_\_\_\_

5 after 18 \_\_\_\_\_

2 before 16 \_\_\_\_\_

4 after 19 \_\_\_\_\_

7 after 12 \_\_\_\_\_

3 before 19 \_\_\_\_\_

1 after 17 \_\_\_\_\_

9 after 14 \_\_\_\_\_

7 before 14 \_\_\_\_\_

2 after 16 \_\_\_\_\_

3 after 13 \_\_\_\_\_

Name: \_\_\_\_\_

Complete the pattern.

4	8	12	16	20	24	28	<u>          </u>
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5	10	15	20	25	30	35	<u>          </u>
---	----	----	----	----	----	----	-------------------

2	4	6	8	10	12	14	<u>          </u>
---	---	---	---	----	----	----	-------------------

3	6	9	12	15	18	21	<u>          </u>
---	---	---	----	----	----	----	-------------------

Complete the pattern.

1	2	3	4	5	6	<u>          </u>	<u>          </u>
---	---	---	---	---	---	-------------------	-------------------

5	6	7	8	9	10	<u>          </u>	<u>          </u>
---	---	---	---	---	----	-------------------	-------------------

16	20	24	28	32	36	<u>          </u>	<u>          </u>
----	----	----	----	----	----	-------------------	-------------------

Name: \_\_\_\_\_

Complete the pattern.

9	12	15	18	21			
---	----	----	----	----	--	--	--

10	15	20	25	30			
----	----	----	----	----	--	--	--

6	8	10	12	14			
---	---	----	----	----	--	--	--

16	20	24	28	32			
----	----	----	----	----	--	--	--

Complete the pattern.

2	3	4	5	6			
---	---	---	---	---	--	--	--

25	30	35	40	45			
----	----	----	----	----	--	--	--

6	9	12	15	18			
---	---	----	----	----	--	--	--

Name: \_\_\_\_\_

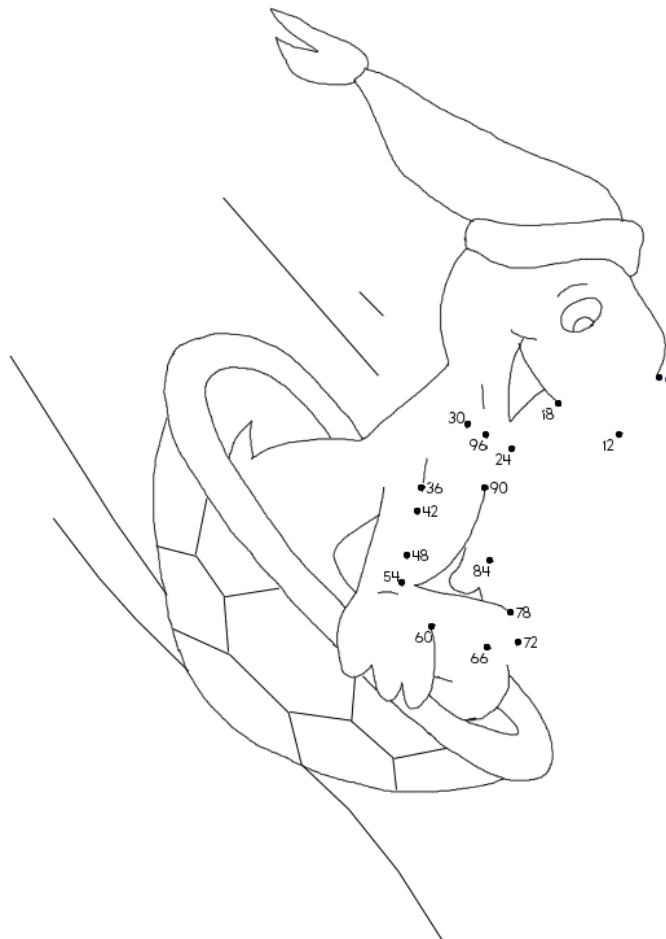
Jessica has more than 7 apples. She has fewer than 9 apples. How many apples does she have?

Robert planted 7 cherry trees. Hunter planted 6 plum trees. How many trees did the two boys plant?

Buster Bear ate two cups of honey. His mother ate four cups of honey. His father ate eight cups of honey. How many cups of honey did they eat in all?

Count by 6s.

6 , 12 , \_\_\_\_\_ , \_\_\_\_\_ , 30 , 36 , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , 72



January	February	March	April
May	June	July	August
September	October	November	December



2  $\longrightarrow$

3

1 →

2

3 →

4



A E O U U I U U U U A U U O U

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

14

[illegible]

Name: \_\_\_\_\_

bigger  
number

smaller  
number

77

93

16

68

56

96

40

70

78

59

77

67

58

108

17

62

48

68

84

32

97

100

62

52

30

95

90

85

49

96

93

89

54

47

2

8

70

76

87

12

4

87

18

9

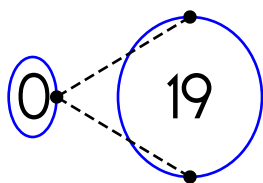
99

49

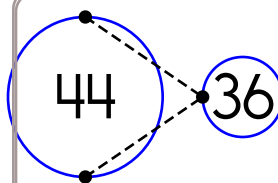
3

58

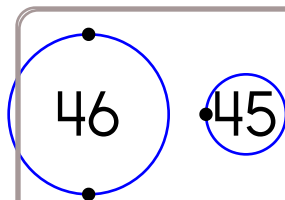
Name: \_\_\_\_\_



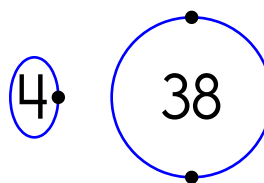
$0 < 19$



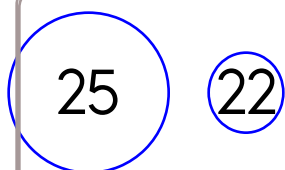
$44 > 36$



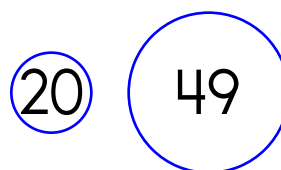
$46 > 45$



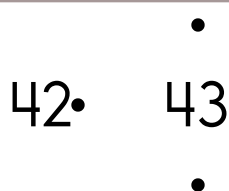
$4 \square 38$



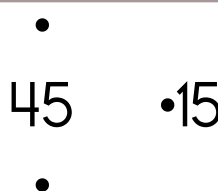
$25 \square 22$



$20 \square 49$



$42 \square 43$



$45 \square 15$

$27 \quad 12$

$27 \square 12$

$46 \quad 47$

$46 \square 47$

$46 \quad 21$

$46 \square 21$

$17 \quad 37$

$17 \square 37$

$44 \quad 34$

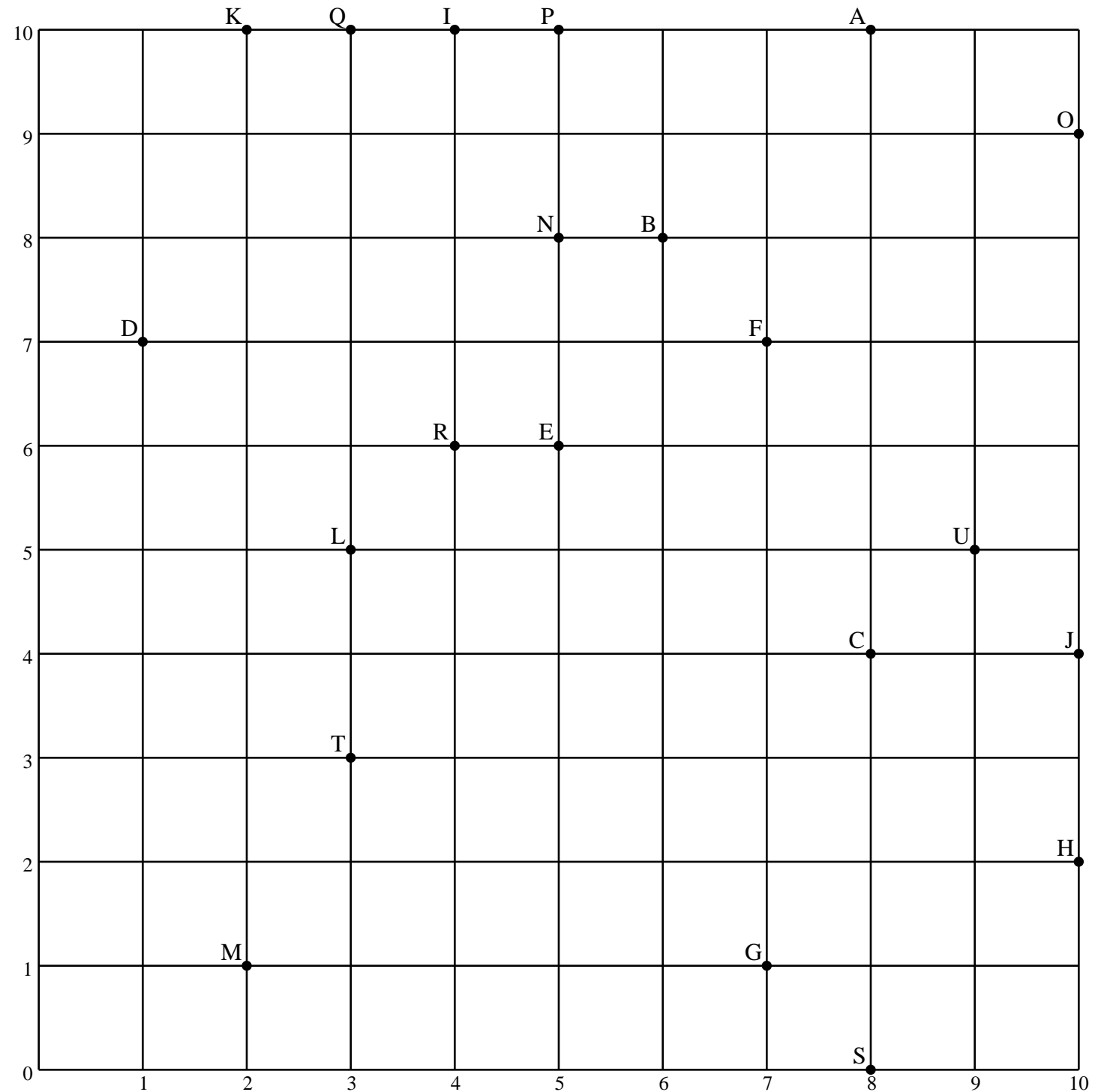
$44 \square 34$

$49 \quad 50$

$49 \square 50$

Name: \_\_\_\_\_

Write the distance (in units) for each line segment on the coordinate grid.



$\overline{LT}$  2

$\overline{AK}$  \_\_\_\_\_

$\overline{CJ}$  \_\_\_\_\_

$\overline{MG}$  \_\_\_\_\_

$\overline{FD}$  \_\_\_\_\_

$\overline{HO}$  \_\_\_\_\_

Name: \_\_\_\_\_

1 2 3 4 5 6 7 8 9 10

$$3 + 1 = \underline{\quad}$$

$$3 + 1 = \underline{\quad}$$

Draw ○

1 2 3 4 5 6 7 8 9 10

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

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

Draw □ and ○

1 2 3 4 5 6 7 8 9 10

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

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

Write a number sentence.  
Then draw a picture to show your number sentence.

Count by 1.

3 4 \_\_\_\_\_

\_\_\_\_\_ is 2 more than 3.

nine

zero

Write the missing sign.

$$12 \underline{\quad} 1 = 11$$

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

Which shows a way to make 12?

☐ 8 + 3      ☐ 10 + 3

☐ 10 + 2      ☐ 7 + 2

What is the sum of 1 + 1 + 3?

☐ 5    ☐ 15    ☐ 12    ☐ 8

What is the difference for 8 - 2?

☐ 9      ☐ 10      ☐ 6

☐ 4

M A N Y M A N Y M A N Y M U R I A X D M M N N

R A N R A A M N Y A N H R I N R J K A G N R A N P

D U L L U D L L T L X S B D U L L Q L L D U U H L

F O O T N O W Q O P T C F L O E F O O T O J F O T T

P U R P L E P U P L E F S U E R L N U L E P U R P L E U

word root **ex** can mean **out**

**exit, exile**

Name: \_\_\_\_\_

Change the first letter. Write the new word.



wind



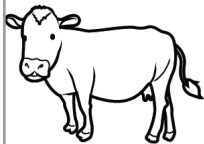
\_ind



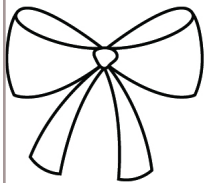
fall



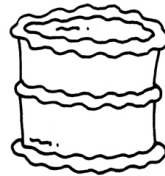
\_\_\_\_\_



cow



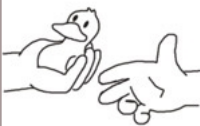
\_\_\_\_\_



cake



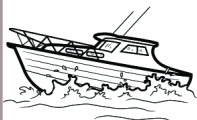
\_\_\_\_\_



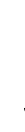
give



\_\_\_\_\_



boat



\_\_\_\_\_

Nathan had twelve pencils. He gave ten pencils away. How many pencils does he have now?

He has \_\_\_\_\_ pencils.

Write the missing letter to spell who.

w\_o wh\_ \_ho

What day comes after Tuesday?

\_\_\_\_\_

☐ culd

☐ cold

☐ cald

☐ coold

6 + 7

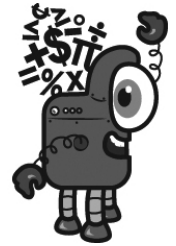
Name: \_\_\_\_\_

Mental Math

— #1 —

☐ Start with the number 9.

9



☐ Add the number of days in a week.

4 1 6 8 3 5 2 8 1 8 (Circle your answer to double check you are correct.)

☐ Increase that number by 8.

9 2 1 2 4 7 3 7 2 5

☐ Double that number.

4 5 5 6 9 4 8 4 7 6

Mental Math

— #2 —

▶ Start with the sum of 2 and 10.

5 7 3 6 1 2 7 9 4 7 (Circle your answer to double check you are correct.)

▶ Increase that number by 5.

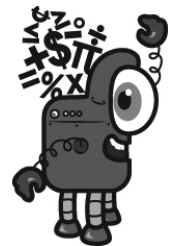
1 7 4 7 8 6 6 5 1 0

▶ Double that number.

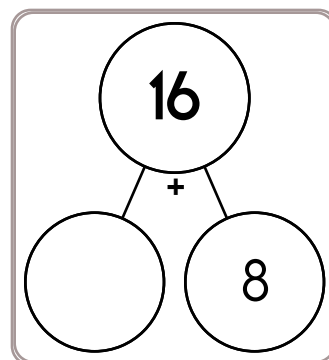
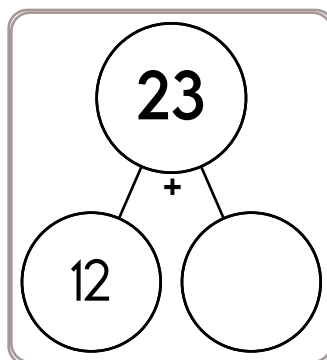
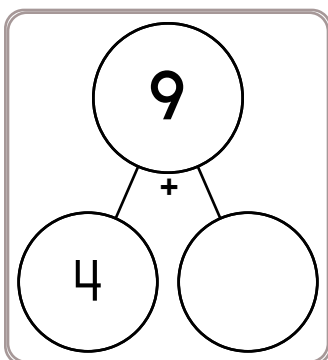
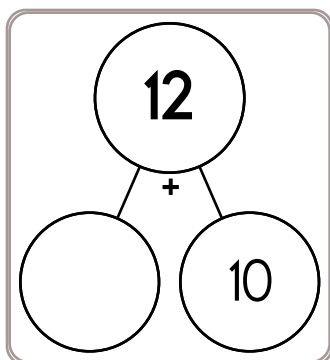
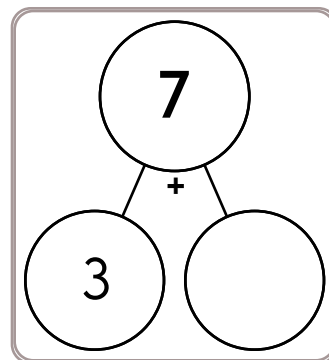
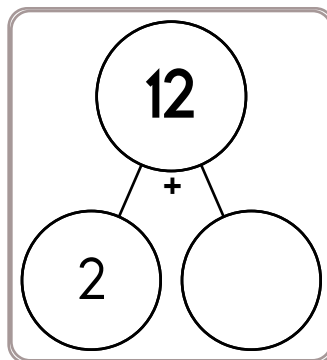
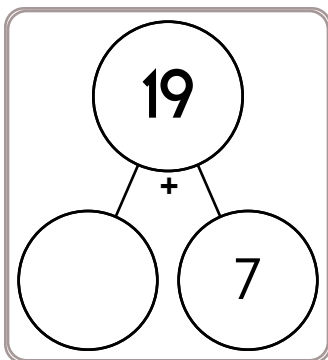
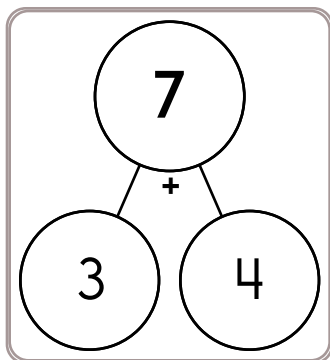
1 0 3 4 6 5 3 7 2 5

▶ Add a dozen.

1 2 5 8 4 0 4 6 2 6



Name: \_\_\_\_\_



$$\begin{array}{r} 11 \\ + \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ + \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ - \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - \quad 5 \\ \hline \end{array}$$



$$\underline{\quad} - 11 = 1$$

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

$$8 - \underline{\quad} = 6$$

$$10 - \underline{\quad} = 7$$

$$\underline{\quad} - 9 = 3$$

$$11 - \underline{\quad} = 5$$

$$\underline{\quad} - 9 = 3$$

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

$$\underline{\quad} - 8 = 0$$

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

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

$$7 - \underline{\quad} = 3$$

Name: \_\_\_\_\_

$\begin{array}{r} 8 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---

$\begin{array}{r} 6 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 6 \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---

$\begin{array}{r} \square \\ + 6 \\ \hline 1 \end{array}$	$\begin{array}{r} 3 \\ + 2 \\ \hline \square \end{array}$	$\begin{array}{r} 3 \\ + 3 \\ \hline \square \end{array}$	$\begin{array}{r} 9 \\ + 8 \\ \hline \square \end{array}$	$\begin{array}{r} 2 \\ + \square \\ \hline 4 \end{array}$	$\begin{array}{r} \square \\ + 9 \\ \hline 1 \end{array}$	$\begin{array}{r} 1 \\ + 9 \\ \hline \square \end{array}$	$\begin{array}{r} \square \\ + 5 \\ \hline 7 \end{array}$	$\begin{array}{r} 5 \\ + \square \\ \hline 1 \end{array}$
---	---	---	---	---	---	---	---	---

$\begin{array}{r} \square \\ + 2 \\ \hline 1 \end{array}$	$\begin{array}{r} \square \\ + 5 \\ \hline 8 \end{array}$	$\begin{array}{r} 6 \\ + \square \\ \hline 1 \end{array}$	$\begin{array}{r} 1 \\ + \square \\ \hline 3 \end{array}$	$\begin{array}{r} \square \\ + 4 \\ \hline 5 \end{array}$	$\begin{array}{r} 5 \\ + 1 \\ \hline \square \end{array}$	$\begin{array}{r} \square \\ + 5 \\ \hline 1 \end{array}$	$\begin{array}{r} \square \\ + 1 \\ \hline 8 \end{array}$	$\begin{array}{r} 7 \\ + 9 \\ \hline \square \end{array}$
---	---	---	---	---	---	---	---	---

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

$\begin{array}{r} \square \\ + 6 \\ \hline 1 \end{array}$	$\begin{array}{r} 2 \\ + \square \\ \hline 6 \end{array}$	$\begin{array}{r} 2 \\ + 6 \\ \hline \square \end{array}$	$\begin{array}{r} \square \\ + 3 \\ \hline 1 \end{array}$	$\begin{array}{r} \square \\ + 1 \\ \hline 4 \end{array}$	$\begin{array}{r} \square \\ + 1 \\ \hline 9 \end{array}$	$\begin{array}{r} 8 \\ + \square \\ \hline 1 \end{array}$	$\begin{array}{r} 7 \\ + \square \\ \hline 1 \end{array}$	$\begin{array}{r} \square \\ + 5 \\ \hline 1 \end{array}$
---	---	---	---	---	---	---	---	---

Name: \_\_\_\_\_

$\begin{array}{r} 7 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---

$\begin{array}{r} 2 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 1 \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---

$\begin{array}{r} \square \\ + 3 \\ \hline 1 \end{array}$	$\begin{array}{r} \square \\ + 6 \\ \hline 1 \end{array}$	$\begin{array}{r} 4 \\ + \square \\ \hline 5 \end{array}$	$\begin{array}{r} 6 \\ + 5 \\ \hline \square \end{array}$	$\begin{array}{r} 2 \\ + 4 \\ \hline \square \end{array}$	$\begin{array}{r} 8 \\ + 9 \\ \hline \square \end{array}$	$\begin{array}{r} 3 \\ + \square \\ \hline 9 \end{array}$	$\begin{array}{r} \square \\ + 9 \\ \hline 1 \end{array}$	$\begin{array}{r} \square \\ + 8 \\ \hline 9 \end{array}$
---	---	---	---	---	---	---	---	---

$\begin{array}{r} \square \\ + 8 \\ \hline 1 \end{array}$	$\begin{array}{r} 3 \\ + 7 \\ \hline \square \end{array}$	$\begin{array}{r} 2 \\ + \square \\ \hline 1 \end{array}$	$\begin{array}{r} 9 \\ + 3 \\ \hline \square \end{array}$	$\begin{array}{r} 4 \\ + 2 \\ \hline \square \end{array}$	$\begin{array}{r} \square \\ + 9 \\ \hline 1 \end{array}$	$\begin{array}{r} 7 \\ + \square \\ \hline 1 \end{array}$	$\begin{array}{r} 2 \\ + 6 \\ \hline \square \end{array}$	$\begin{array}{r} \square \\ + 7 \\ \hline 1 \end{array}$
---	---	---	---	---	---	---	---	---

$\begin{array}{r} 5 \\ + \square \\ \hline 7 \end{array}$	$\begin{array}{r} \square \\ + 4 \\ \hline 5 \end{array}$	$\begin{array}{r} 4 \\ + 9 \\ \hline \square \end{array}$	$\begin{array}{r} 7 \\ + \square \\ \hline 1 \end{array}$	$\begin{array}{r} \square \\ + 7 \\ \hline 8 \end{array}$	$\begin{array}{r} 8 \\ + 6 \\ \hline \square \end{array}$	$\begin{array}{r} \square \\ + 3 \\ \hline 6 \end{array}$	$\begin{array}{r} \square \\ + 9 \\ \hline 1 \end{array}$	$\begin{array}{r} 5 \\ + 5 \\ \hline \square \end{array}$
---	---	---	---	---	---	---	---	---

$\begin{array}{r} 3 \\ + \square \\ \hline 1 \end{array}$	$\begin{array}{r} 7 \\ + 1 \\ \hline \square \end{array}$	$\begin{array}{r} 1 \\ + \square \\ \hline 6 \end{array}$	$\begin{array}{r} \square \\ + 1 \\ \hline 3 \end{array}$	$\begin{array}{r} 3 \\ + 1 \\ \hline \square \end{array}$	$\begin{array}{r} \square \\ + 7 \\ \hline 9 \end{array}$	$\begin{array}{r} \square \\ + 3 \\ \hline 7 \end{array}$	$\begin{array}{r} 5 \\ + \square \\ \hline 1 \end{array}$	$\begin{array}{r} 1 \\ + \square \\ \hline 1 \end{array}$
---	---	---	---	---	---	---	---	---

Name: \_\_\_\_\_

8, 0, 8, 0, 8, 0,  
\_\_\_\_\_, 0, 8, 0

How much is this?



How much is this?



28, \_\_\_\_, 30, \_\_\_\_, \_\_\_\_, 33

What is ten more than 56?

Circle the fifth number.

A, 6, A, 1, F, 8, D, 7, 1, B,  
3, D, A, B, 2, F, 5, 8

$6 + 1 = \underline{\quad}$   
 $7 + 1 = \underline{\quad}$

How many?



49, 50, \_\_\_\_, 52, \_\_\_\_,  
\_\_\_\_, \_\_\_\_

5 tens + 6 ones = 56  
1 ten + 2 ones = \_\_\_\_  
6 tens + 8 ones = \_\_\_\_  
8 tens + 0 ones = \_\_\_\_

Write the number that  
comes after.

3    4  
8    \_\_\_\_  
10    \_\_\_\_

What comes before  
and after?

\_\_\_\_, 94, \_\_\_\_  
\_\_\_\_, 118, \_\_\_\_

Circle all the ways to make  
5.

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

How many dots on the bug?



What is ten less than 63?

Name: \_\_\_\_\_

Complete each pattern.

7, C, 6, 7, C, 6, 7, C, 6, 7, C, 6, \_\_\_\_

8, 1, 3, 8, 1, 3, \_\_\_\_, 1, 3, 8, 1, 3, 8, 1

2, z, 2, z, 2, z, 2, z, 2, z, 2, z, 2, \_\_\_\_

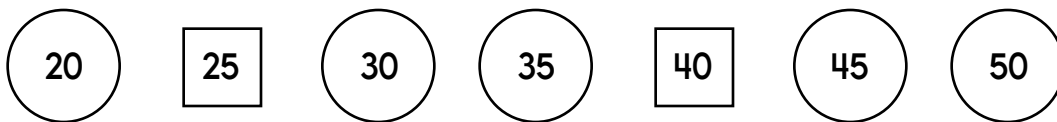
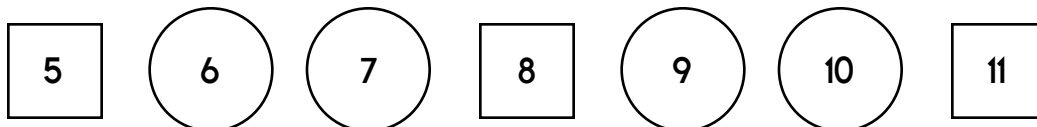
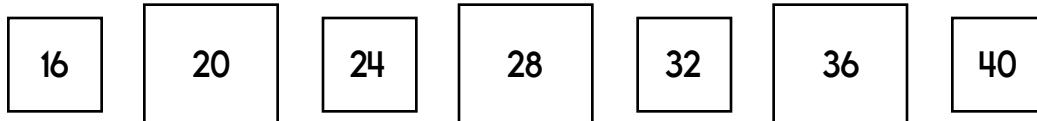
Complete each pattern, using the same rule. Write what the rule is.

Z, W, T, Q, N, \_\_\_\_, \_\_\_\_, E, B

Y, V, S, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, D, A

Name: \_\_\_\_\_

Complete the pattern.



Write a good topic for the story.



Topic: \_\_\_\_\_

My mom has been reviewing my words with me all week. I think I'm ready. I'm just going to look at my list one last time before my teacher says the first word.

7 is more than

☐ 8    ☐ 7    ☐ 6

5 is more than

☐ 5    ☐ 6    ☐ 4

nine

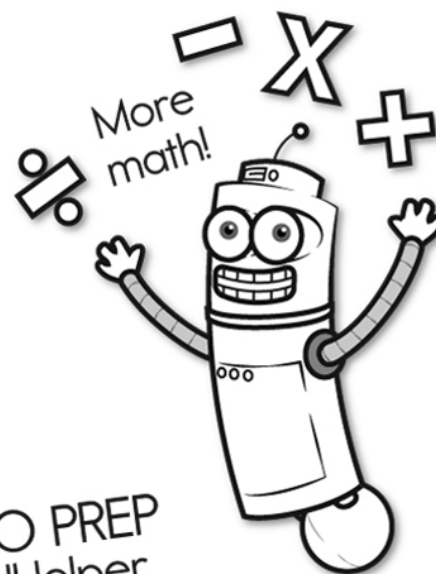
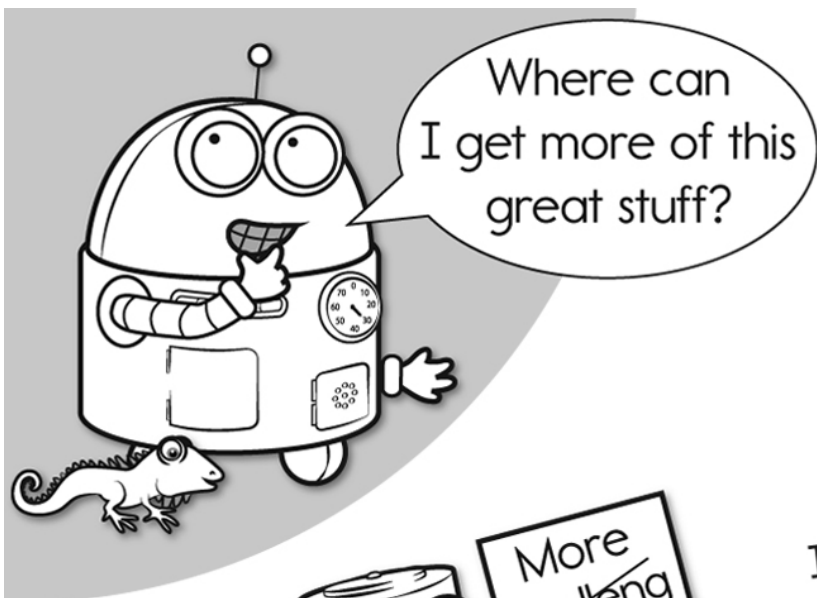
☐ 2    ☐ 9    ☐ 8

**VOTE** T Q T V E G O E A S R V O T N V E V O T E

**STOOL** R T W D T S T O O L L O V L Y A S T O L L

word root **enni** can mean **year**

**perennial, centennial**

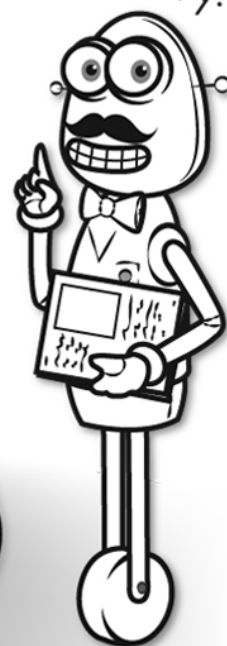


It's NO PREP at edHelper.

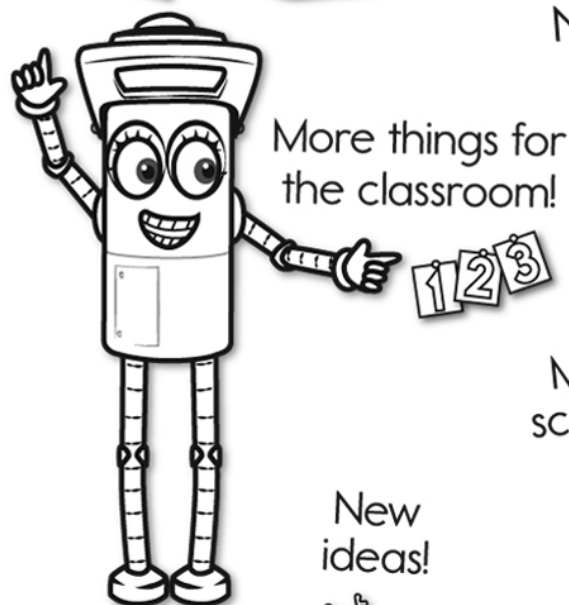
More history!



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New ideas!



$\times$   
 $\times =$   
 $- \div$   
 $< - >$

More puzzles!

