

91  
+ 10

98  
+ 58

67  
+ 79

48  
+ 24

73  
+ 16

40  
+ 63

word root **anim** can mean **spirit or life**      **animate, equanimity, inanimate**

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

Make a path by adding up the numbers. Do not visit a circle more than once. The first one is done.

START 2	2	3
4	1	1
5	2	FINISH SUM: 8

2 + 4 + 1 + 1 =  
8

START 2	5	5
1	4	4
3	3	FINISH SUM: 23

2 + 5 + 5 + \_\_\_\_\_ +  
\_\_\_\_\_ + \_\_\_\_\_ = 23

START 7	8	9
6	8	8
8	9	FINISH SUM: 32

7 + 8 + \_\_\_\_\_ + \_\_\_\_\_ =  
32

START 2	4	5	6
4	1	6	2
3	1	1	FINISH SUM: 11

2 + 4 + \_\_\_\_\_ + \_\_\_\_\_ +  
\_\_\_\_\_ = 11

DOWN

- 
- A 10x10 grid with 12 numbered squares and shaded regions. The grid is composed of 10 columns and 10 rows. The numbered squares are located at the following coordinates (row, column):
- 1: (1, 1)
  - 2: (1, 3)
  - 3: (1, 5)
  - 4: (1, 6)
  - 5: (1, 8)
  - 6: (2, 2)
  - 7: (2, 9)
  - 8: (3, 1)
  - 9: (3, 2)
  - 10: (4, 5)
  - 11: (5, 1)
  - 12: (5, 4)
- The shaded regions are defined by the following coordinates (row, column):
- Row 1: (1, 2), (1, 4), (1, 7), (1, 9)
  - Row 2: (2, 1), (2, 3), (2, 6), (2, 7), (2, 8)
  - Row 3: (3, 3), (3, 4), (3, 5), (3, 6), (3, 7), (3, 8)
  - Row 4: (4, 4), (4, 5), (4, 6), (4, 7), (4, 8), (4, 9), (4, 10)
  - Row 5: (5, 1), (5, 2), (5, 3), (5, 4), (5, 5), (5, 10)
  - Row 6: (6, 4)

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

Ava has 22 noodles on her plate. Does she have about 20 noodles or about 30 noodles?

Adam had 17 apple seeds. He planted 10 of them. How many apple seeds does he have left?

Sara picked 45 cherries Monday. She picked 37 cherries Tuesday. She needs 130 cherries for the cherry pie. How many more cherries does she need to pick?

Nathan bought a box of beads for his craft project. There are 4,536 beads in the box. Round off 4,536 to the nearest hundred.

Write how much to add or subtract.

23  $\begin{pmatrix} - \\ 3 \end{pmatrix}$  20  $\begin{pmatrix} - \\ 3 \end{pmatrix}$  17  $\begin{pmatrix} - \\ 3 \end{pmatrix}$  14  $\begin{pmatrix} - \\ 3 \end{pmatrix}$  11  $\begin{pmatrix} - \\ 3 \end{pmatrix}$  8  $\begin{pmatrix} - \\ 3 \end{pmatrix}$  5  $\begin{pmatrix} - \\ 3 \end{pmatrix}$  2

8  $\bigcirc$  17  $\bigcirc$  26  $\bigcirc$  35  $\bigcirc$  44  $\bigcirc$  53  $\bigcirc$  62  $\bigcirc$  71

9  $\bigcirc$  15  $\bigcirc$  21  $\bigcirc$  27  $\bigcirc$  33  $\bigcirc$  39  $\bigcirc$  45  $\bigcirc$  51



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 5 in your head

subtract 3

Write the number.

\_\_\_\_\_ A

imagine 2 in your head

add 7

subtract 5

Write the number.

\_\_\_\_\_ B

imagine 7 in your head

add 7

subtract 5

Write the number.

\_\_\_\_\_ C

imagine 6 in your head

subtract 2

add 9

add 1

Write the number.

\_\_\_\_\_ D \_\_\_\_\_ E

What is the sum?

$A + B + C + D + E$

\_\_\_\_\_

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

\_\_\_\_\_ n \_\_\_\_\_

7 after 19 \_\_\_\_\_

9 before 13 \_\_\_\_\_

1 before 18 \_\_\_\_\_

2 after 12 \_\_\_\_\_

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

5 before 17 \_\_\_\_\_

3 after 18 \_\_\_\_\_

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

3 before 12 \_\_\_\_\_

8 after 15 \_\_\_\_\_

8 before 19 \_\_\_\_\_

4 before 11 \_\_\_\_\_

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

Hunter's dog had six puppies. He gave his best friend a puppy. He gave his teacher a puppy. He gave his aunt two puppies. How many puppies did he have left?

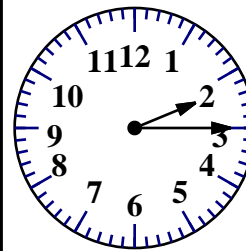
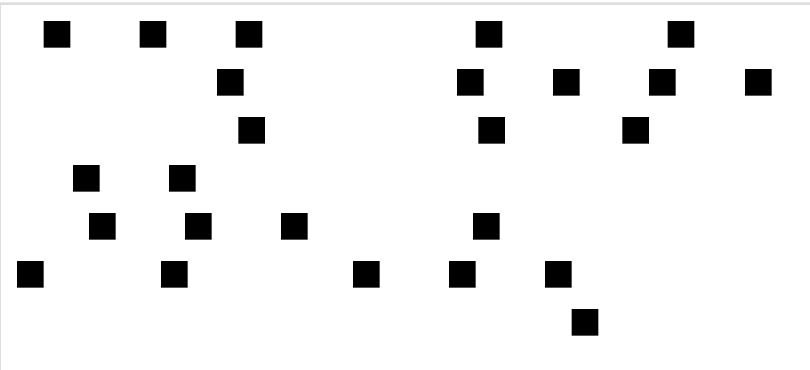
Hunter hated green peas. There were 22 peas on his plate. His mother said he had to eat them. "Yuck!" Hunter said. He put 4 peas in his mouth. How many peas were left on his plate?

There are 3 nests in the apple tree. There are 2 eggs in each nest. How many eggs are there in all?

Take a guess and estimate how many squares are below. Then write the actual number.

Estimate: \_\_\_\_\_ Actual: \_\_\_\_\_

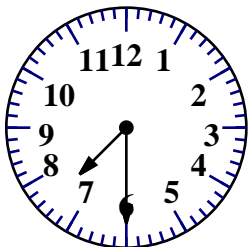
How close was your guess? \_\_\_\_\_



\_\_\_\_\_ : \_\_\_\_\_

ten less than  
275

$$\begin{array}{r} 59 \\ - 47 \\ \hline \end{array}$$



\_\_\_\_\_ : \_\_\_\_\_

Write a word problem for  
 $11 - 5 = 6$ .

$$\begin{array}{r} 62 \\ - 32 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ - 20 \\ \hline \end{array}$$

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

Find 2 equations hidden in each box. Good luck!

5

$2 + 3$

4

16

11

$3 + 1$

9

13

Write 2 equations: \_\_\_\_\_

$7 - 4$

$9 - 1$

0

$5 - 1$

3

1

4

5

Write 2 equations: \_\_\_\_\_

16

15

13

12

$1 + 4$

$2 + 6$

14

$0 + 4$

$6 + 9$

$2 + 9$

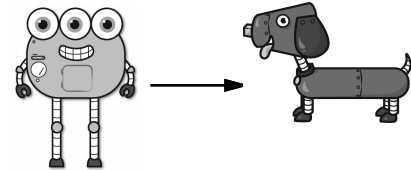
17

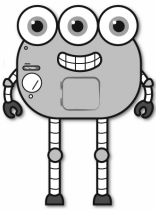
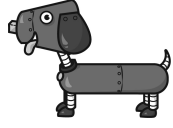
11

Write 2 equations: \_\_\_\_\_

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

Help Robot find Rover. Color the boxes that have a difference of 6, 3, or 4 to make a path.



	$\begin{array}{r} 14 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 2 \\ \hline \end{array}$
$\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 12 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 7 \\ \hline \end{array}$
$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$
$\begin{array}{r} 10 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 10 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 3 \\ \hline \end{array}$
$\begin{array}{r} 15 \\ - 13 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 11 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 11 \\ \hline \end{array}$
$\begin{array}{r} 12 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 13 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 10 \\ \hline \end{array}$	



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

$$\begin{array}{r} 26 \\ + 25 \\ \hline \end{array}$$

$$\begin{array}{r} 96 \\ + 14 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ + 93 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ + 25 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ + 90 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ + 37 \\ \hline \end{array}$$

$$\begin{array}{r} 1\Box \\ + \Box 8 \\ \hline 59 \end{array}$$

$$\begin{array}{r} \Box 5 \\ + 82 \\ \hline 1\Box \end{array}$$

$$\begin{array}{r} 80 \\ + 71 \\ \hline \Box\Box \end{array}$$

$$\begin{array}{r} 6\Box \\ + \Box 6 \\ \hline 15 \end{array}$$

$$\begin{array}{r} \Box 4 \\ + 9\Box \\ \hline 14 \end{array}$$

$$\begin{array}{r} 12 \\ + \Box\Box \\ \hline 39 \end{array}$$

$$\begin{array}{r} 43 \\ + 57 \\ \hline \end{array}$$

$$\begin{array}{r} 94 \\ + 15 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ + 41 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ + 86 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ + 59 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ + 85 \\ \hline \end{array}$$

$$\begin{array}{r} \Box 5 \\ + 44 \\ \hline 6\Box \end{array}$$

$$\begin{array}{r} \Box 2 \\ + 1\Box \\ \hline 10 \end{array}$$

$$\begin{array}{r} 44 \\ + 6\Box \\ \hline \Box 1 \end{array}$$

$$\begin{array}{r} 2\Box \\ + \Box 8 \\ \hline 60 \end{array}$$

$$\begin{array}{r} \Box 4 \\ + 3\Box \\ \hline 52 \end{array}$$

$$\begin{array}{r} \Box 5 \\ + 87 \\ \hline 1\Box \end{array}$$

$$\begin{array}{r} 25 \\ + 64 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ + 21 \\ \hline \end{array}$$

$$\begin{array}{r} 41 \\ + 82 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ + 73 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ + 49 \\ \hline \end{array}$$

$$\begin{array}{r} 3\Box \\ + 55 \\ \hline \Box 6 \end{array}$$

$$\begin{array}{r} \Box 4 \\ + 9\Box \\ \hline 12 \end{array}$$

$$\begin{array}{r} 31 \\ + \Box\Box \\ \hline 10 \end{array}$$

$$\begin{array}{r} \Box 0 \\ + 78 \\ \hline 1\Box \end{array}$$

$$\begin{array}{r} \Box\Box \\ + 16 \\ \hline 11 \end{array}$$

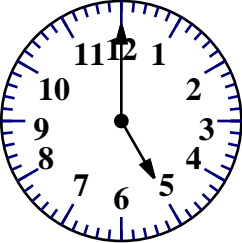

$$\begin{array}{r} \Box 8 \\ + 38 \\ \hline 1\Box \end{array}$$

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

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

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

ten more than 353	Write the missing sign. 11 ____ 2 = 13	How many days are there in three full weeks? _____

 ____ : ____	Circle the fifth letter. G D H P M K N Z	Jacob read 117 limericks. Eric read 103 limericks. How many limericks did they read in all?
		

57 - 1 = _____	Combine the words to make a compound word. far + sighted = _____ bull + frog = _____
----------------	--

33 + 5 = _____	Circle the words. numbersmoosehaveflashgluesouth deskakehavemoosefourgluejaw
----------------	--

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

Mary worked on her gingerbread house for 30 minutes. Holly worked on her house for 15 minutes. How many more minutes did Mary work than Holly?

Mr. Johnson had a stack of 48 sandwiches. He put 8 sandwiches, 8 pickles, some chips, and 5 cookies on each plate. He used all the sandwiches. How many plates of food did he make?

Connor found 3 cans, 4 toys, 10 plastic bags, and some paper in the creek. Eric found 5 toys, 4 cans, 11 plastic bags, and 3 nickels. How many plastic bags did they find in all?

Fill in the numbers.

27	28	
37	38	39
47	48	49
		59
		69

11	12				
21	22	23	24		26
31	32	33		35	36
	42	43	44	45	46
51		53	54	55	

55		57	58
65		67	
		77	78
		87	
	96	97	98

			34		36
	42		44		
51	52			55	
61		63		65	66

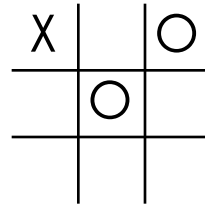
44				48	
		56	57		59
	65		67	68	
		76	77	78	79

83

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

Get your ruler. Draw a line using your ruler that is 2 inches long.

It is your turn. Write X to make your move.



$$\begin{array}{r} 8 \\ 1 \\ + 2 \\ \hline \end{array}$$

Write the final part of each math analogy.

ten shoes : 5 :: eight socks :

Explain why you think your answer is correct.

two threes : 6 :: eight threes :

Explain why you think your answer is correct.

You are going to a party one week after April 10. What is the date of the party?

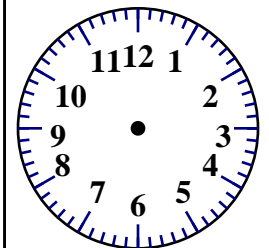
\_\_\_\_\_

$$71 + 6 = \underline{\hspace{2cm}}$$



Pete the Polar Bear walked from the North Pole to his den. It was 33 steps. He walked from his den to the sea. It was 24 steps. Pete walked back home to his den. It was 24 steps again. How many steps did Pete the Polar Bear walk in all?

$$\begin{array}{r} 6 \\ 1 \\ + 4 \\ \hline \end{array}$$



$$\underline{\hspace{1cm}} 8 : \underline{\hspace{1cm}} 15$$

$$91 + 1 = \underline{\hspace{2cm}}$$

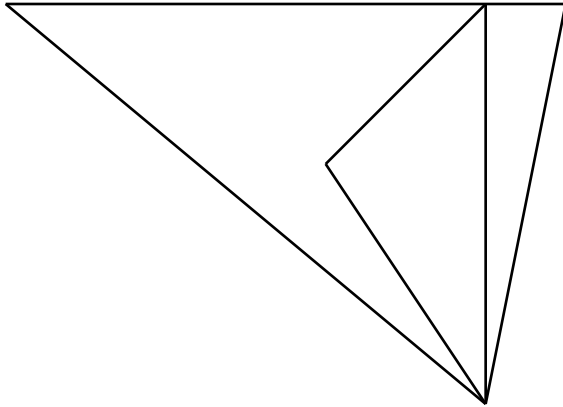
Write the missing sign.

$$7 \underline{\hspace{1cm}} 3 = 4$$

$$97 - 6 = \underline{\hspace{2cm}}$$

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

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

Max liked to ride his bike.  
It made him very happy.  
One day he rode 5 miles.  
The next day he rode 2 miles.  
The next day he rode 3 more miles.  
How many miles did he ride in all?

Circle the number that is less.  
943      926

Complete each analogy with the best word.

jungle	wet
cold	Yellowstone
drizzle	wind
lightning	desert

snow is to flurries as

rain is to \_\_\_\_\_

mountain is to valley as

rainforest is to \_\_\_\_\_

$$\begin{array}{r} 75 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ + 65 \\ \hline \end{array}$$



$$\begin{array}{r} 19 \\ - 11 \\ \hline \end{array}$$

Nine is an even number.  
no      yes

Write the number that comes before.

\_\_\_\_\_ 143

\_\_\_\_\_ 44

\_\_\_\_\_ 285

\_\_\_\_\_ 199

\_\_\_\_\_ 74

\_\_\_\_\_ 179

$$\begin{array}{r} 48 \\ - 22 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ + 26 \\ \hline \end{array}$$

$$22 + 3 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} 96 \\ - 53 \\ \hline \end{array}$$

$$700 + 60 + 5$$

$$\begin{array}{r} 83 \\ - 82 \\ \hline \end{array}$$

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

1 1 9

1 8 4

4 3 1

4 9 1

119 < 184 < 431 < 491

7 1 5

9 7 9

2 4 5

5 3 3

\_\_\_\_\_ < \_\_\_\_\_ < \_\_\_\_\_ < \_\_\_\_\_

2 2 9

1 2 6

7 1 2

9 2 3

\_\_\_\_\_ < \_\_\_\_\_ < \_\_\_\_\_ < \_\_\_\_\_

7 8 4

1 4 8

9 0 7

3 1 2

\_\_\_\_\_ > \_\_\_\_\_ > \_\_\_\_\_ > \_\_\_\_\_

Which number has a 6  
in the ones place?

☐ 865   ☐ 856   ☐ 658

18 + 16 = \_\_\_\_\_

☐ 34   ☐ 17   ☐ 13

fifty-eight

☐ 58   ☐ 57   ☐ 55

Write the words into the boxes.

summer • winter • around • lately • twenty • reader • shadow  
nobody • father

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--

--	--	--	--	--	--



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

Holly has 9 squishies. She collects them! She has 4 red ones. The rest are yellow. How many squishies are yellow?

$$15 + \underline{\quad} = 19$$

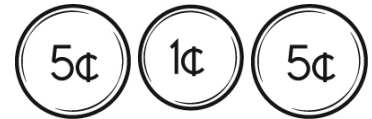
$$\underline{\quad} + 18 = 25$$

	2	1
+		4
<hr/>		

	1	2
+	1	0
<hr/>		

26, \_\_\_\_\_, \_\_\_\_\_, 29, 30,  
\_\_\_\_\_, \_\_\_\_\_

How much is this?



B, F, \_\_\_\_\_, N, R, V, Z

Rose took her empty backpack and filled it with tennis balls. Estimate how many tennis balls you think she was able to fit into her backpack.

There were seventeen kids on the playground. Five of them came inside to read. How many kids are still on the playground?

28, \_\_\_\_\_, \_\_\_\_\_, 31, \_\_\_\_\_, 33,  
34, 35, \_\_\_\_\_, \_\_\_\_\_, 38,  
\_\_\_\_\_

14, \_\_\_\_\_, 18, 20, 22,  
24, 26, 28

three plus nine equals

$$7 + 2 = \underline{\quad}$$

$$17 + 2 = \underline{\quad}$$

	8
-	4
<hr/>	

$$15 + 10 = \underline{\quad}$$

$$15 + 11 = \underline{\quad}$$

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

Complete the pattern.

15 20 25 30 35 40 \_\_\_\_\_

1 2 3 4 5 6 \_\_\_\_\_

50 60 70 80 90 100 \_\_\_\_\_

8 10 12 14 16 18 \_\_\_\_\_

6 9 12 15 18 21 \_\_\_\_\_

Make 11.

10 + 1

8 + \_\_\_\_\_

\_\_\_\_\_ + 5

\_\_\_\_\_ + 9

2 + \_\_\_\_\_

6 + \_\_\_\_\_

4 + \_\_\_\_\_

\_\_\_\_\_ + 3

\_\_\_\_\_ + 7

55  
- 24

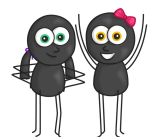
Combine the words to make a compound word.

land + mark = \_\_\_\_\_

hi + jack = \_\_\_\_\_

Ten is an odd number.

true false



word root **nov** can mean **new**

**novice, novelty**





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

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