

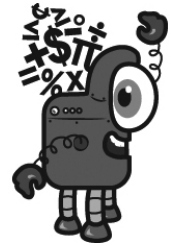
Name: \_\_\_\_\_

Mental Math

— #1 —

⌘ Start with the number 36.

36



⌘ Increase that number by 7.

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

⌘ Subtract 6.

4 5 2 1 9 3 7 7 5 1

\_\_\_\_\_

⌘ Increase that number by 8.

7 3 1 5 4 9 4 5 6 5

\_\_\_\_\_

⌘ Add 4 tens.

7 5 8 5 3 0 6 8 1 1

\_\_\_\_\_

⌘ Subtract 3 tens.

5 3 7 3 5 5 9 6 1 4

\_\_\_\_\_

⌘ Add the number of legs on 3 pigs.

7 9 2 6 7 3 1 0 3 5

\_\_\_\_\_

⌘ Subtract 6 tens.

5 8 9 1 3 5 7 7 1 8

\_\_\_\_\_

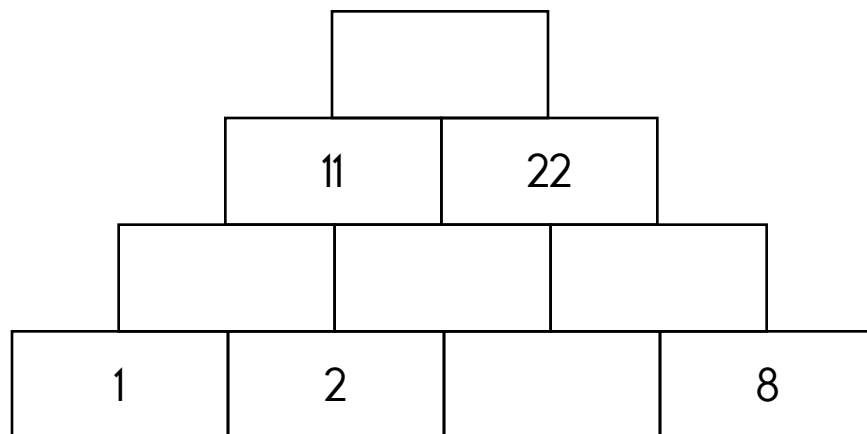
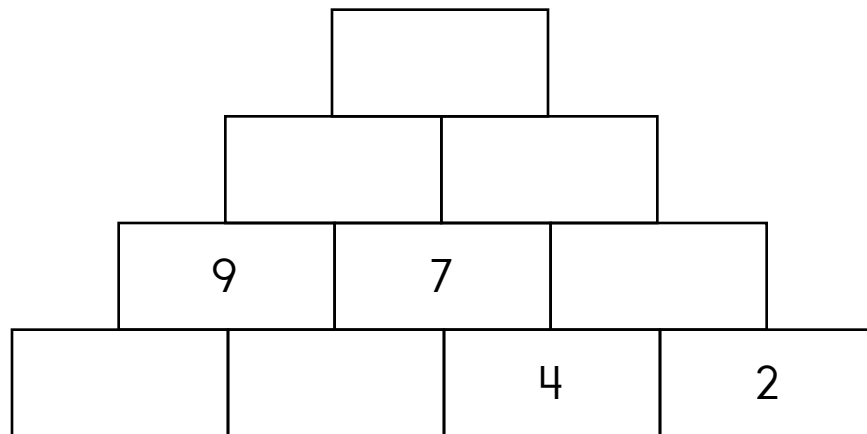
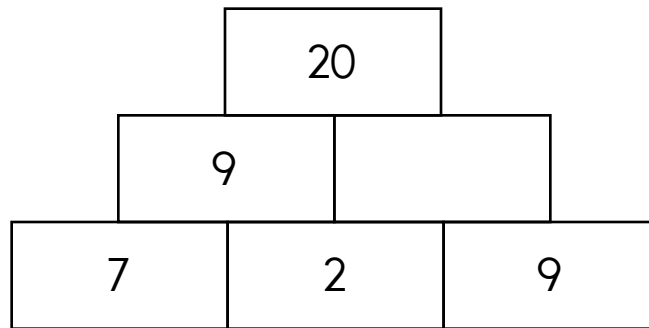
⌘ Add 2 tens.

2 7 6 5 5 2 9 2 2 9

\_\_\_\_\_

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

The block above is the sum of the two blocks below. Fill in the missing blocks.



Add the numbers by regrouping.

$$\begin{array}{r} \boxed{1} \\ 26 \\ + 44 \\ \hline \boxed{\phantom{0}}\boxed{0} \end{array}$$

$$\begin{array}{r} \boxed{\phantom{0}} \\ 13 \\ + 17 \\ \hline \boxed{\phantom{0}}\boxed{\phantom{0}} \end{array}$$

$$\begin{array}{r} \boxed{\phantom{0}} \\ 12 \\ + 49 \\ \hline \boxed{\phantom{0}}\boxed{\phantom{0}} \end{array}$$

$$\begin{array}{r} \boxed{\phantom{0}} \\ 41 \\ + 49 \\ \hline \boxed{\phantom{0}}\boxed{\phantom{0}} \end{array}$$

$$\begin{array}{r} \boxed{\phantom{0}} \\ 39 \\ + 42 \\ \hline \boxed{\phantom{0}}\boxed{\phantom{0}} \end{array}$$

word root **im** can mean **not**

**imperfect, impossible**

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

9, 11, 13, 15, 17, 19, \_\_\_\_\_,  
23, 25

94, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,  
\_\_\_\_\_, \_\_\_\_\_, 100

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

Write these numbers in  
order from largest to  
smallest.

14, 60, 105, 70, 16

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

81 = \_\_\_ tens + \_\_\_ one  
59 = \_\_\_ tens + \_\_\_ ones  
29 = \_\_\_ tens + \_\_\_ ones  
70 = \_\_\_ tens + \_\_\_ ones

How many of these are  
even numbers?

9 46

5 58

43 984

B, D, F, H, \_\_\_\_\_, L, N, P,  
R, T, V

twenty-two minus nine  
equals

$$\begin{array}{r} 54 \\ + 4 \\ \hline \end{array}$$

seven plus nine equals

Rosa loves reading. She  
read 2 books this month.  
She plans to read 8 more.  
How many books will she  
read this month?

$$\begin{array}{r} 55 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ - 1 \\ \hline \end{array}$$

72, \_\_\_\_\_, 108, 126, 144,  
162, 180, 198, 216, 234

31, 35, 39, 43, \_\_\_\_\_, 51,  
55

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

There were 14 red shirts at the thrift shop. Ms. Anderson bought 8 of them. How many red shirts were left?

Baba Nina made 25 blini. Her family ate 16 of them. How many blini were left?

April needs to make 19 pretzels. She has made 11 pretzels. How many more pretzels does she need to make?

Subtract 1 or 10.

21

81

	50
--	----

	35
--	----

93

	26
--	----

61

	69
--	----

	93
--	----

75

	22
--	----

Circle the number that is more.

194      158

Count by 1.

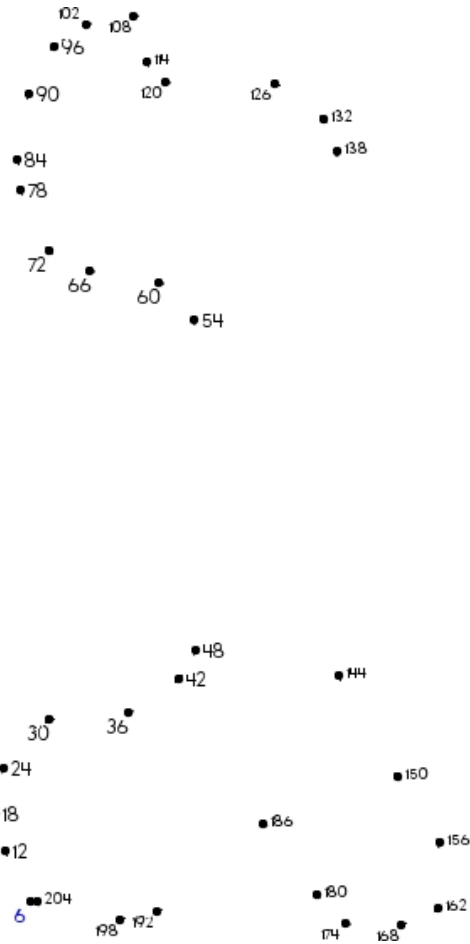
12      \_\_\_\_\_      \_\_\_\_\_      \_\_\_\_\_      \_\_\_\_\_      17      \_\_\_\_\_

\_\_\_\_\_ is 4 more than 12.

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

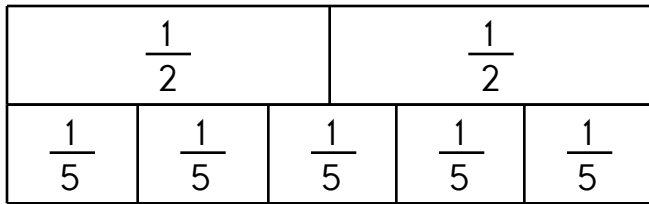
Count by 6s.

6 , 12 , 18 , \_\_\_\_\_ , 30 , \_\_\_\_\_ , 42 , 48 , 54 , 60 , 66 , \_\_\_\_\_  
78 , 84 , \_\_\_\_\_ , 96 , 102 , 108 , 114 , 120 , 126 , 132 , \_\_\_\_\_ , 144  
150 , 156 , 162 , \_\_\_\_\_ , 174 , 180 , 186 , 192 , 198 , 204 , \_\_\_\_\_ , 216



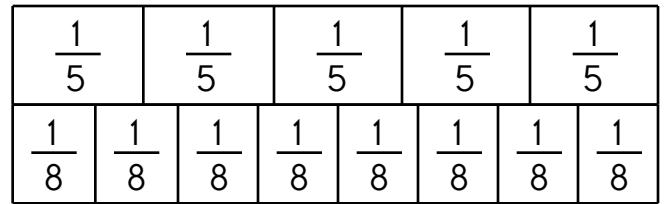
Name: \_\_\_\_\_

Color each fraction. Compare.



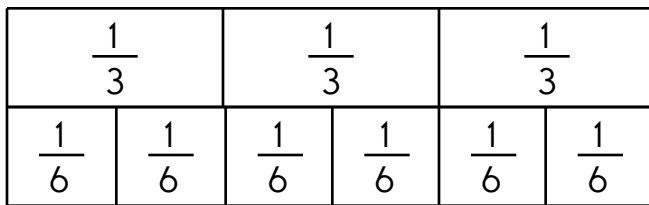
$$\frac{1}{2} \bigcirc \frac{2}{5}$$

Color each fraction. Compare.



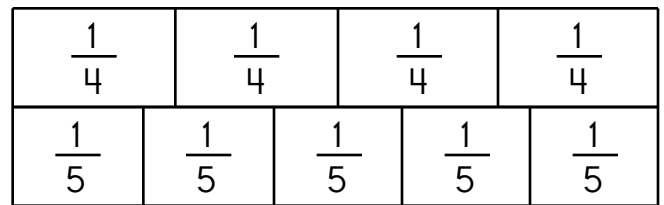
$$\frac{3}{5} \bigcirc \frac{4}{8}$$

Color each fraction. Compare.



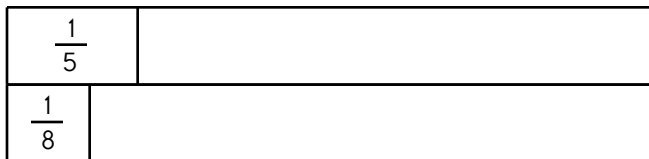
$$\frac{1}{3} \bigcirc \frac{2}{6}$$

Color each fraction. Compare.



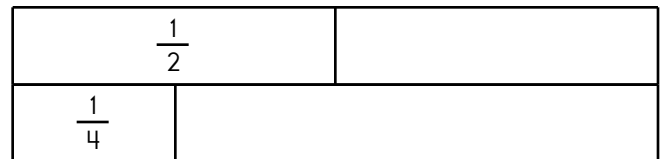
$$\frac{3}{4} \bigcirc \frac{4}{5}$$

Now draw the fraction boxes and then color each fraction to compare.



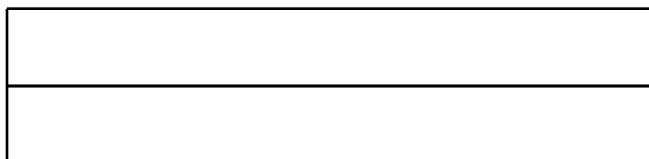
$$\frac{2}{5} \bigcirc \frac{5}{8}$$

Now draw the fraction boxes and then color each fraction to compare.



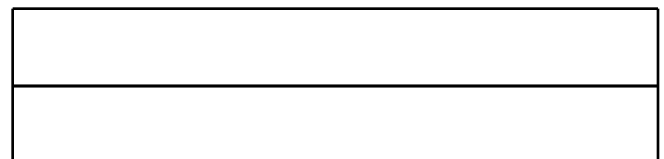
$$\frac{1}{2} \bigcirc \frac{2}{4}$$

Now draw the fraction boxes and then color each fraction to compare.



$$\frac{2}{4} \bigcirc \frac{1}{7}$$

Now draw the fraction boxes and then color each fraction to compare.



$$\frac{1}{3} \bigcirc \frac{2}{5}$$

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

23	24
33	
	44

51	52	
	62	
71	72	73

8	9
18	
28	

37	38	39
47	48	49

76	77	78
	87	

74	75

45	46	47
		57

62	63

9	10

1	2

23	24	
33		35

29	30

24	25	
34	35	
44	45	

47	48
67	68

37	38	39
		49
57	58	

18	19
28	
	39

23	24

45	46	
55		57

76	77

66	67	
76	77	

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

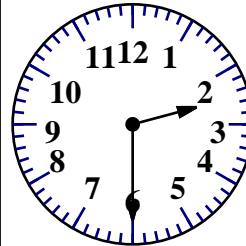
Color in the boxes.

8 or 17 = purple, 15 or 13 = black,  
9 or 14 = orange, 4 or 10 = yellow

What is the hidden number? \_\_\_\_\_

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

$$77 - 6 = \underline{\hspace{2cm}}$$



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

$$\begin{array}{r} 54 \\ - 52 \\ \hline \end{array}$$

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

\_\_\_\_\_

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

O		
O	X	
	X	

$$400 + 90 + 3$$

$$\begin{array}{r} 35 \\ + 40 \\ \hline \end{array}$$

Count by 1.

8 \_\_\_\_\_ 11 \_\_\_\_\_ 13 \_\_\_\_\_

9 is \_\_\_\_\_ more than 8.

$$\begin{array}{r} 12 \\ + 76 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 49 \\ \hline \end{array}$$

**479**

I am in the tens place.

What number am I? \_\_\_\_\_

I am seven numbers more than the number in the tens place.

What number am I? \_\_\_\_\_

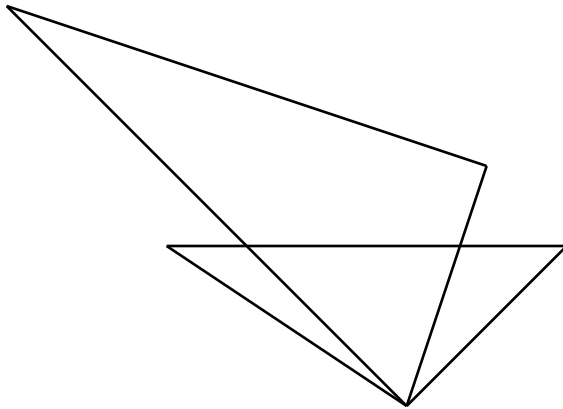
ten more  
than 701

100 more  
than 289



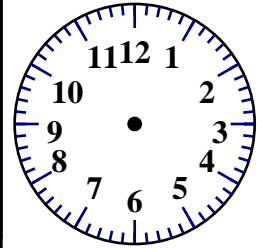
Name: \_\_\_\_\_

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

$$\begin{array}{r} 22 \\ + 57 \\ \hline \end{array}$$



$$12 : 45$$

$$700 + 70 + 8$$

Write the missing vowel.



\_\_\_\_\_sland

p\_\_\_\_\_rty



w\_\_\_\_\_ll

Write the missing sign.

$$11 \text{ \_\_\_\_ } 10 = 1$$

$$\begin{array}{r} 97 \\ - 34 \\ \hline \end{array}$$

- ☐ ciald
- ☐ could
- ☐ culd
- ☐ cuold

$$\begin{array}{r} 96 \\ - 64 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ - 26 \\ \hline \end{array}$$

Circle the words.

bornfixjawclockapartdumpgrowfarslantlookcartstripe  
apartfixtwelvecleanreadneverfunnyfrydumpfarstew

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

☒  $11 + 8 = 19$

☐  $6 + 12 =$

☐  $3 + 10 =$

☐  $9 + 8 =$

☐  $11 + 2 =$

☐  $3 + 12 =$

☐  $10 + 4 =$

☐  $6 + 11 =$

☐  $5 + 9 =$

☐  $12 + 4 =$

☐  $5 + 8 =$

19	7	5	4	11	16	3	12	15	17	14	24	12	15	2	15
9	8	11	6	10	23	6	5	8	14	8	12	18	2	10	6
19	16	15	29	12	13	12	9	8	12	18	14	14	15	19	4
28	9	4	14	9	6	20	8	26	13	17	9	1	5	5	21
14	10	18	11	14	13	8	6	1	19	4	12	4	13	12	15
9	6	12	18	6	8	3	10	13	6	11	14	20	9	4	19
14	17	12	18	3	14	1	10	11	7	11	6	17	26	14	9
10	4	14	19	12	3	9	6	6	16	22	17	23	2	11	12
9	22	12	13	20	11	4	8	3	12	4	20	14	11	22	19
3	18	4	15	6	13	2	3	16	12	4	13	19	9	6	14
17	11	22	11 + 8 = 19	11	13	9	23	9	16	10	13	14	1		
7	3	2	10	8	3	3	10	20	8	7	18	4	3	17	6
13	22	8	5	19	23	23	13	13	9	17	5	9	14	17	29
19	4	13	29	21	17	14	6	6	9	19	16	11	2	9	13



Write  
operation.  
Write = sign.  
Circle.

☒  $4 + 3 = 7$

☐  $2 + 10 =$

☐  $3 + 12 =$

☐  $11 + 4 =$

☐  $6 + 3 =$

☐  $8 + 3 =$

☐  $2 + 7 =$

☐  $7 + 12 =$

☐  $4 + 10 =$

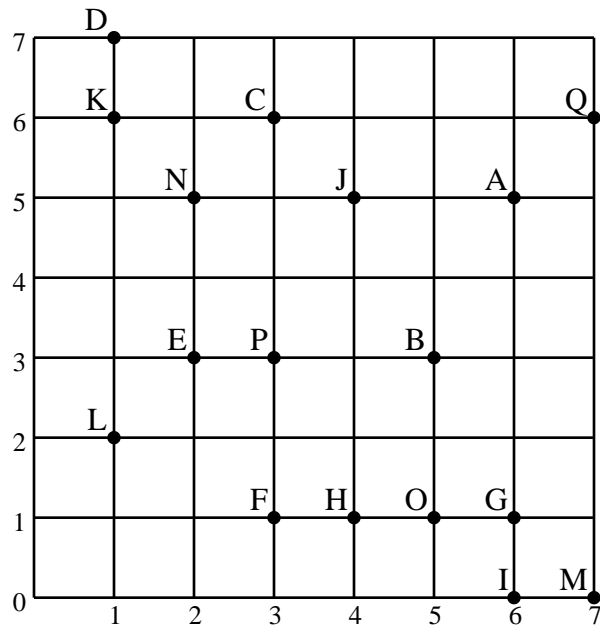
☐  $5 + 11 =$

☐  $7 + 4 =$

12	12	5	9	3	6	28	7	7	19	8	22	8	8	13	7
7	1	4	11	4 + 3 = 7	3	3	3	9	3	12	15	15	13		
15	2	3	11	12	3	12	14	11	16	9	6	3	9	5	4
4	11	15	12	25	11	12	5	8	3	11	12	12	5	13	7
10	8	6	3	15	7	4	2	10	8	11	4	10	4	14	13
16	3	5	3	13	12	4	7	9	26	6	25	7	7	10	2
16	2	4	2	9	28	6	11	4	10	14	3	12	7	16	6
14	6	10	17	7	19	8	2	22	13	6	11	15	4	17	19
3	10	4	12	15	14	7	14	2	7	9	15	1	8	8	14
20	5	7	12	10	14	25	12	7	7	7	2	2	17	5	3
15	19	11	12	14	10	7	4	27	14	12	7	12	5	13	11
8	9	2	16	4	2	9	7	10	10	11	5	12	4	7	1
13	3	8	4	11	4	15	27	17	6	10	22	14	19	14	8

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

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



$\overline{KC}$  2

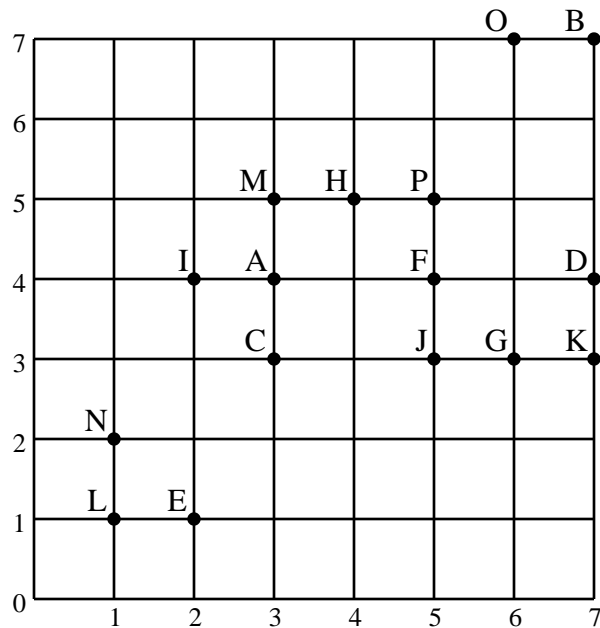
$\overline{OB}$  \_\_\_\_\_

$\overline{HG}$  \_\_\_\_\_

$\overline{JA}$  \_\_\_\_\_

$\overline{LD}$  \_\_\_\_\_

$\overline{EN}$  \_\_\_\_\_



$\overline{OG}$  4

$\overline{DA}$  \_\_\_\_\_

$\overline{NL}$  \_\_\_\_\_

$\overline{KC}$  \_\_\_\_\_

$\overline{MH}$  \_\_\_\_\_

$\overline{IE}$  \_\_\_\_\_

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

Complete the pattern.

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

10 20 30 40 50 \_\_\_\_\_

45 54 63 72 81 \_\_\_\_\_

28 35 42 49 56 \_\_\_\_\_

4 6 8 10 12 \_\_\_\_\_

$$\begin{array}{r} 51 \\ + 54 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ + 14 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ + 71 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ + 83 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ + 53 \\ \hline \end{array}$$

$$15 + 1 = \underline{\quad}$$

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

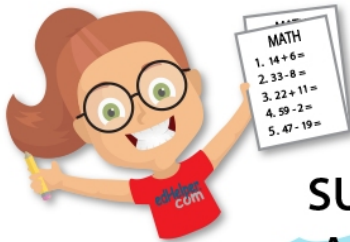
$$1 + \underline{\quad} = 6$$

$$\begin{array}{r} 14 \\ + 42 \\ \hline \end{array}$$

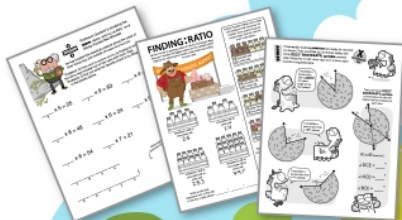
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New ideas!



x  
+ =  
- ÷  
< >

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