

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

Complete each pattern.

\_\_\_\_, \_\_\_\_, Y, 8, C, Y, 8, C, Y, 8, C, Y, 8, C

q, 8, q, 8, q, 8, q, 8, q, 8, q, \_\_\_\_

9, 6, \_\_\_\_, \_\_\_\_, 9, 6, 9, 6, 9, 6, 9, 6

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

160, 146, \_\_\_\_\_, 118, 104, 90, 76, 62, 48

\_\_\_\_\_, 126, 112, 98, 84, \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_, \_\_\_\_\_, 140, 126, 112, 98, 84, 70, 56, \_\_\_\_\_

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

Complete the pattern.

16   20   24   28   32   36              

30   40   50   60   70   80              

12   18   24   30   36   42              

25   30   35   40   45   50              

Complete the pattern.

8   16   24   32   40                     

12   15   18   21   24                     

14   21   28   35   42

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

Complete the pattern.

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

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

27 36 45 54 63 \_\_\_\_\_

4 5 6 7 8 \_\_\_\_\_

Complete the pattern.

21 28 35 42 49 \_\_\_\_\_

30 36 42 48 54 \_\_\_\_\_

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

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

$$\begin{array}{r} 24 \\ + 77 \\ \hline \end{array}$$

$$\begin{array}{r} 91 \\ + 87 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ + 94 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ + 41 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ + 76 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ + 62 \\ \hline \end{array}$$

$$\begin{array}{r} \square\square \\ + 80 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 77 \\ + \square\square \\ \hline 12 \end{array}$$

$$\begin{array}{r} \square 7 \\ + 59 \\ \hline 1\square \end{array}$$

$$\begin{array}{r} 96 \\ + 5\square \\ \hline \square 4 \end{array}$$

$$\begin{array}{r} \square 9 \\ + 42 \\ \hline 1\square \end{array}$$

$$\begin{array}{r} 9\square \\ + 71 \\ \hline \square 6 \end{array}$$

$$\begin{array}{r} 36 \\ + 96 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ + 40 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ + 64 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ + 49 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ + 43 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ + \square 7 \\ \hline 1\square \end{array}$$

$$\begin{array}{r} \square 1 \\ + 4\square \\ \hline 12 \end{array}$$

$$\begin{array}{r} 1\square \\ + \square 7 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 14 \\ + \square 5 \\ \hline 9\square \end{array}$$

$$\begin{array}{r} \square 7 \\ + 7\square \\ \hline 87 \end{array}$$

$$\begin{array}{r} 6\square \\ + \square 9 \\ \hline 90 \end{array}$$

$$\begin{array}{r} 80 \\ + 43 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ + 34 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ + 57 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ + 78 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ + 21 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ + 25 \\ \hline \square\square \end{array}$$

$$\begin{array}{r} 89 \\ + \square 0 \\ \hline 1\square \end{array}$$

$$\begin{array}{r} 5\square \\ + \square 7 \\ \hline 11 \end{array}$$

$$\begin{array}{r} \square 9 \\ + 74 \\ \hline 9\square \end{array}$$

$$\begin{array}{r} \square 8 \\ + 9\square \\ \hline 16 \end{array}$$

$$\begin{array}{r} 38 \\ + 65 \\ \hline \square\square \end{array}$$

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

1 • 3 • 6 • 9 • + • 1 • + • 2 • = • 3 • 0 • 1

Use the pieces above to help you fill in the runaway math puzzle.

			2			
	+		+	2	=	
3						
-			=			1
9						
=			1			7
3	+		=	4		
4						

Jessica loves reading. She read 3 books this month. She plans to read 7 more. How many books will she read this month?

$$\begin{array}{r} 14 \\ - \quad 1 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ - \quad 2 \\ \hline \end{array}$$

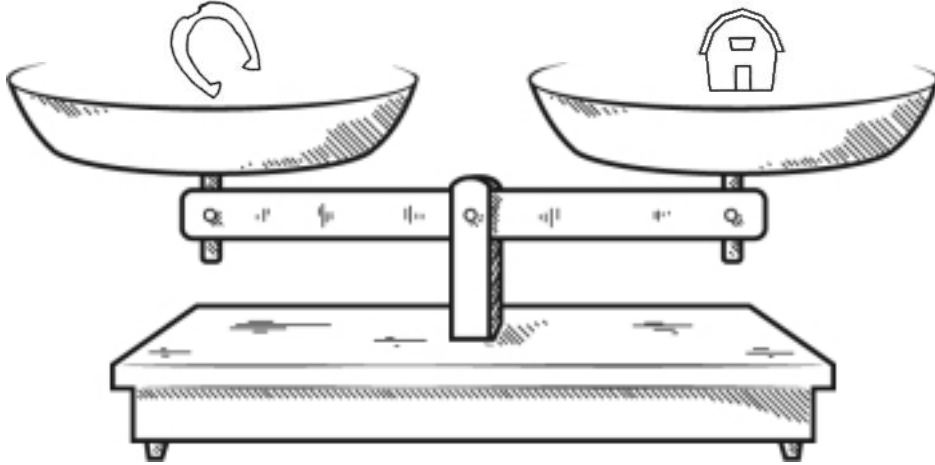
- 37 = \_\_\_ tens + \_\_\_ ones
- 27 = \_\_\_ tens + \_\_\_ ones
- 87 = \_\_\_ tens + \_\_\_ ones
- 60 = \_\_\_ tens + \_\_\_ ones

6, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,  
 \_\_\_\_\_, \_\_\_\_\_, 18

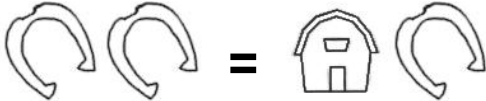
What did you count by?

Rosa took an empty half gallon milk carton and filled it with jelly beans. Write a number to estimate how many jelly beans are in the milk carton.


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




Look at the balance. What does it tell you? Write a sentence to explain.



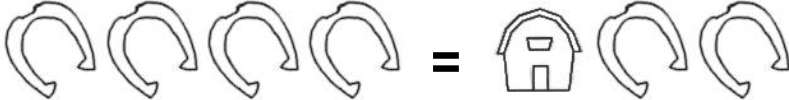
True  False



True  False



True  False



True  False

Did you find that one is true? If not, look again!

You should only mark TRUE if you are absolutely sure it is correct!

68, 85, \_\_\_\_\_, 119, 136,  
153, 170

12, \_\_\_\_\_, 16, 18, 20,  
22, 24, 26

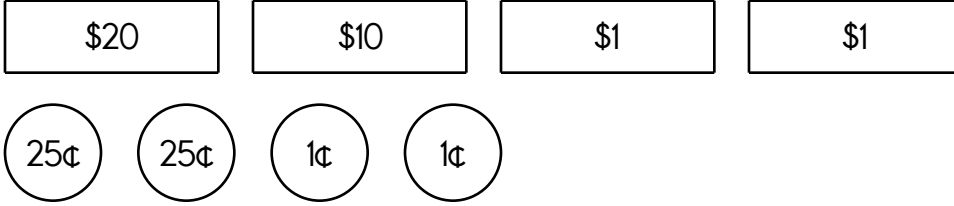
Write the numbers.  
ten \_\_\_\_\_  
fifteen \_\_\_\_\_  
nineteen \_\_\_\_\_

word root **con** can mean **together**      **contacts, contract**

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

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

Make \$32.52 any way you want!



Make \$35.13 any way you want!

Make \$21.32 any way you want!

Make \$32.45 any way you want!

Write how much to add or subtract.

26	$\ominus 9$	17	$\ominus 9$	8	18	$\bigcirc$	11	$\bigcirc$	4	9	$\bigcirc$	19	$\bigcirc$	29
----	-------------	----	-------------	---	----	------------	----	------------	---	---	------------	----	------------	----

word root **tract** can mean **pull**      **traction, tractor**

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

$7 + 8 = 15$

$6 + 11 =$

$6 + 12 =$

$3 + 9 =$

$4 + 3 =$

$10 + 7 =$

$4 + 6 =$

$8 + 6 =$

$9 + 9 =$

$10 + 4 =$

$5 + 8 =$

2	13	5	15	9	3	9	4	3	6	20	16	4	6	5	14
12	7	6	4	3	17	9	10	4	6	17	13	17	3	18	3
6	9	9	13	6	13	8	10	7	17	3	3	18	13	9	22
18	2	9	8	6	10	10	28	7	17	16	6	16	17	14	6
20	7	17	18	16	18	6	12	17	22	12	8	5	10	3	18
5	4	6	11	6	11	9	12	9	27	10	13	11	8	3	4
1	10	6	12	15	11	18	14	18	1	8	10	21	18	13	6
3	9	12	4	7	6	17	6	13	29	4	17	16	3	8	6
2	8	6	14	3	24	14	11	9	8	22	12	22	6	9	6
8	22	6	6	14	7	11	17	6	7	19	12	7	6	15	7
7	13	9	<b>7 + 8 = 15</b>	16	16	2	5	15	6	9	29	14	17		
11	1	7	3	8	16	4	6	10	6	4	2	10	6	4	9
8	9	11	21	23	1	4	17	14	7	11	7	12	4	17	6
4	25	10	10	16	10	16	12	5	8	14	1	18	6	14	26

Write  
operation.

Write = sign.

Circle.

$8 + 5 = 13$

$9 + 11 =$

$5 + 2 =$

$12 + 3 =$

$11 + 12 =$

$5 + 10 =$

$9 + 4 =$

$7 + 3 =$

$11 + 2 =$

$4 + 3 =$

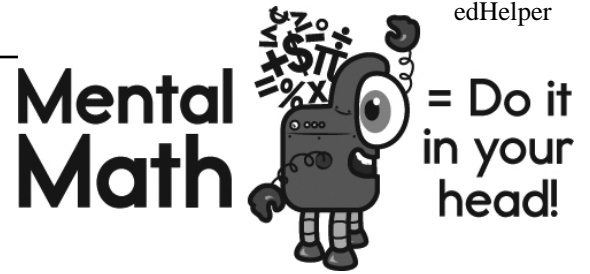
$7 + 12 =$

3	1	12	16	9	20	19	15	11	1	9	7	2	2	11	1
5	9	8	11	<b>8 + 5 = 13</b>	5	14	21	6	19	13	9	24	11		
7	3	10	12	7	12	19	3	2	7	12	5	12	3	16	13
11	3	5	18	9	11	20	9	12	13	12	21	5	3	4	7
14	7	11	2	9	11	18	10	4	3	11	9	4	5	15	5
11	12	1	2	5	2	19	3	3	13	9	20	16	1	9	19
8	12	15	5	13	2	3	25	9	5	18	3	6	17	9	4
5	5	23	25	12	4	7	5	24	1	4	2	18	8	4	23
10	5	3	9	18	13	12	12	10	3	12	7	10	10	21	15
7	13	19	2	7	1	13	7	16	15	5	13	14	15	16	15
28	16	21	11	13	9	7	12	11	3	4	3	18	12	11	12
17	4	2	15	16	4	26	29	17	14	4	3	7	15	12	19
14	23	17	10	18	1	6	7	15	16	24	26	20	12	5	5



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 8 in your head

double it

Write the number.

\_\_\_\_\_  
A    B

imagine 5 in your head

subtract 4

add 6

Write the number.

\_\_\_\_\_  
C

imagine 8 in your head

subtract 4

add 4

Write the number.

\_\_\_\_\_  
D

imagine 4 in your head

add 8

add 1

subtract 4

Write the number.

\_\_\_\_\_  
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 e

8 after 12 \_\_\_\_\_

1 before 11 \_\_\_\_\_

5 after 17 \_\_\_\_\_

7 after 15 \_\_\_\_\_

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

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

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

7 before 17 \_\_\_\_\_

3 after 14 \_\_\_\_\_

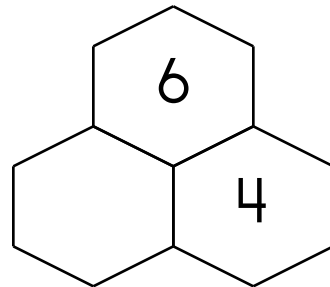
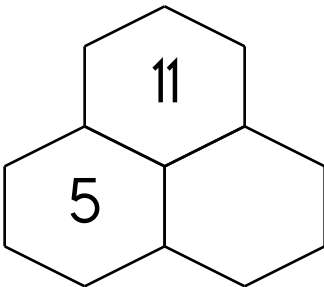
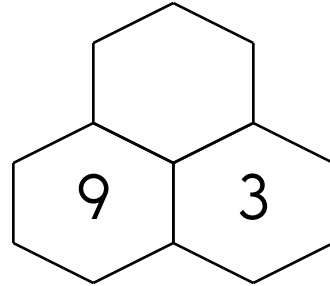
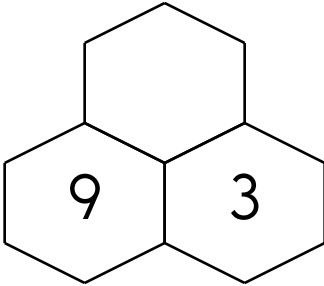
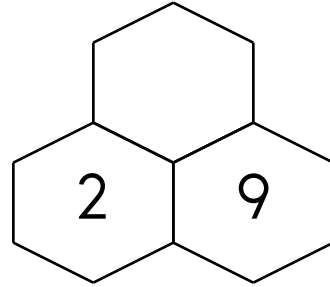
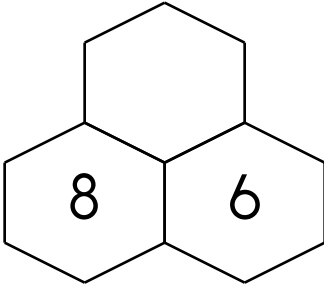
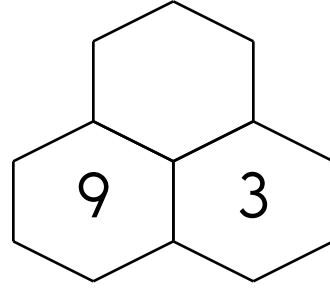
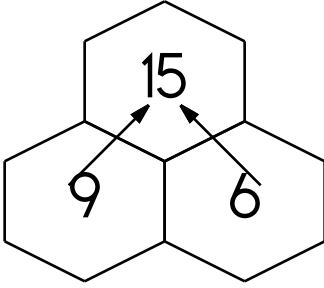
9 after 18 \_\_\_\_\_

2 before 18 \_\_\_\_\_

6 after 11 \_\_\_\_\_

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

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



H, L, I, M, J, N,  
\_\_\_\_\_, O, L, P

H, J, L, N, \_\_\_\_\_, R, T,  
V, X, Z

twenty-three minus six  
equals

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

<b>+</b>	<b>9</b>	<b>8</b>	<b>4</b>		<b>9</b>	
<b>10</b>		<b>18</b>	<b>14</b>			
	$\underline{10} + \underline{9}$	$\underline{10} + \underline{8}$	$\underline{10} + \underline{4}$	$\underline{10} + \underline{\quad}$	$\underline{10} + \underline{9}$	$\underline{10} + \underline{\quad}$
<b>2</b>				<b>12</b>		
	$\underline{2} + \underline{9}$	$\underline{2} + \underline{8}$	$\underline{2} + \underline{4}$	$\underline{2} + \underline{\quad}$	$\underline{2} + \underline{9}$	$\underline{2} + \underline{\quad}$
	<b>14</b>	<b>13</b>				
	$\underline{\quad} + \underline{9}$	$\underline{\quad} + \underline{8}$	$\underline{\quad} + \underline{4}$	$\underline{\quad} + \underline{\quad}$	$\underline{\quad} + \underline{9}$	$\underline{\quad} + \underline{\quad}$
<b>6</b>	<b>15</b>					<b>16</b>
	$\underline{6} + \underline{9}$	$\underline{6} + \underline{8}$	$\underline{6} + \underline{4}$	$\underline{6} + \underline{\quad}$	$\underline{6} + \underline{9}$	$\underline{6} + \underline{\quad}$
<b>11</b>				<b>21</b>	<b>20</b>	
	$\underline{11} + \underline{9}$	$\underline{11} + \underline{8}$	$\underline{11} + \underline{4}$	$\underline{11} + \underline{\quad}$	$\underline{11} + \underline{9}$	$\underline{11} + \underline{\quad}$
	<b>11</b>				<b>11</b>	
	$\underline{\quad} + \underline{9}$	$\underline{\quad} + \underline{8}$	$\underline{\quad} + \underline{4}$	$\underline{\quad} + \underline{\quad}$	$\underline{\quad} + \underline{9}$	$\underline{\quad} + \underline{\quad}$
<b>12</b>					<b>21</b>	<b>22</b>
	$\underline{12} + \underline{9}$	$\underline{12} + \underline{8}$	$\underline{12} + \underline{4}$	$\underline{12} + \underline{\quad}$	$\underline{12} + \underline{9}$	$\underline{12} + \underline{\quad}$
	<b>11</b>					<b>12</b>
	$\underline{\quad} + \underline{9}$	$\underline{\quad} + \underline{8}$	$\underline{\quad} + \underline{4}$	$\underline{\quad} + \underline{\quad}$	$\underline{\quad} + \underline{9}$	$\underline{\quad} + \underline{\quad}$

Write sh or sl to complete each word.

\_\_\_\_\_ine      \_\_\_\_\_ow

\_\_\_\_\_ot      \_\_\_\_\_am

$$53 - 43 = \underline{\quad}$$

$$\begin{array}{r} 15 \\ + 91 \\ \hline \end{array}$$