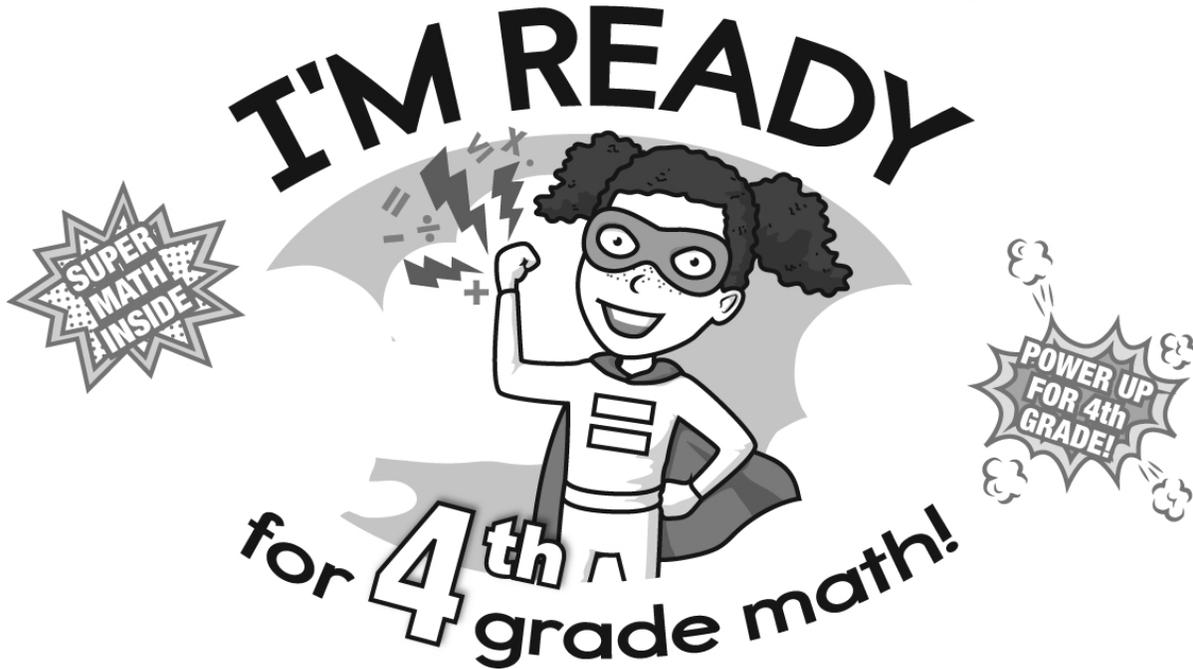


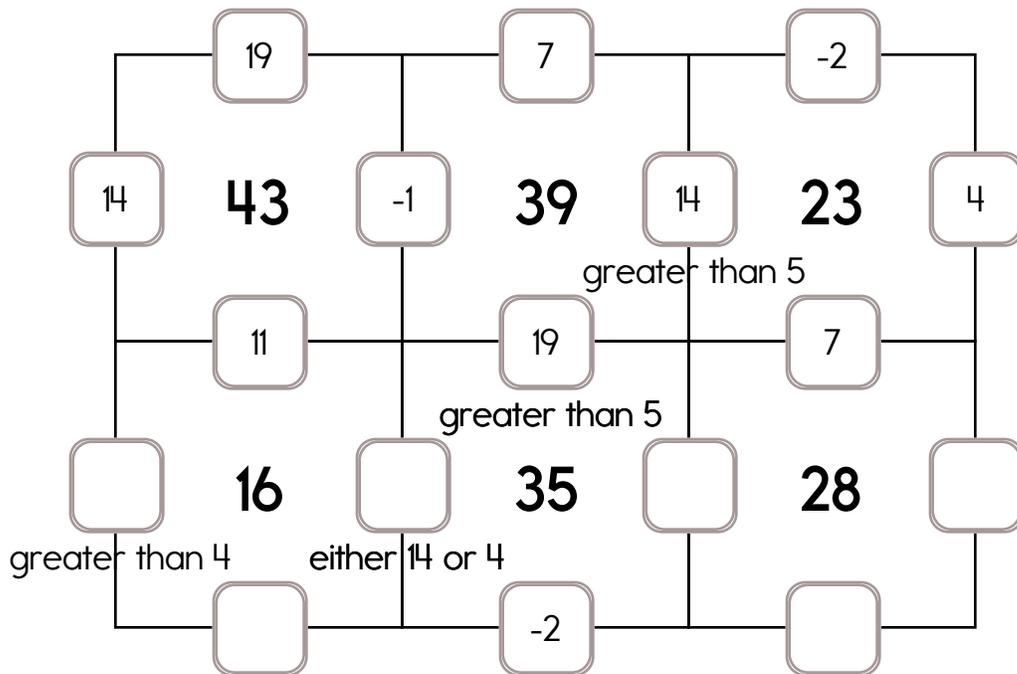
15 Minutes a Day (Or so!)

Math Challenge for July



My Name: _____

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: -1, -4, or -2. The other three numbers have to all be DIFFERENT and can be from these numbers: 14, 11, 3, 19, 7, 4, or 5.



This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

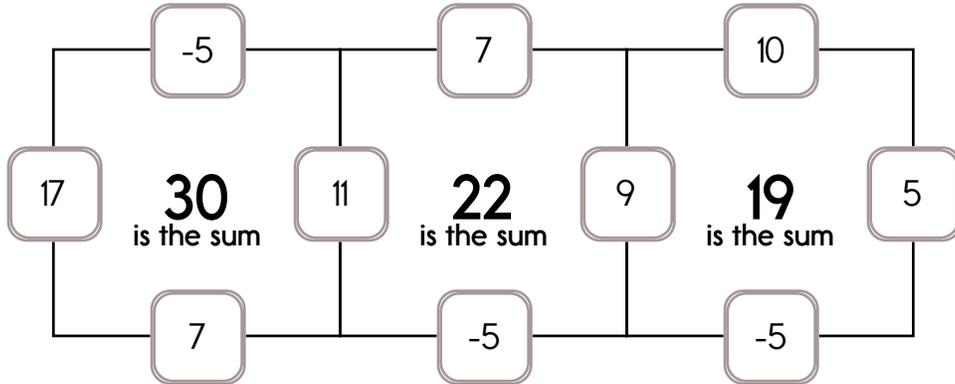
Example:

$$17 + 11 + 7 - 5 = 30$$

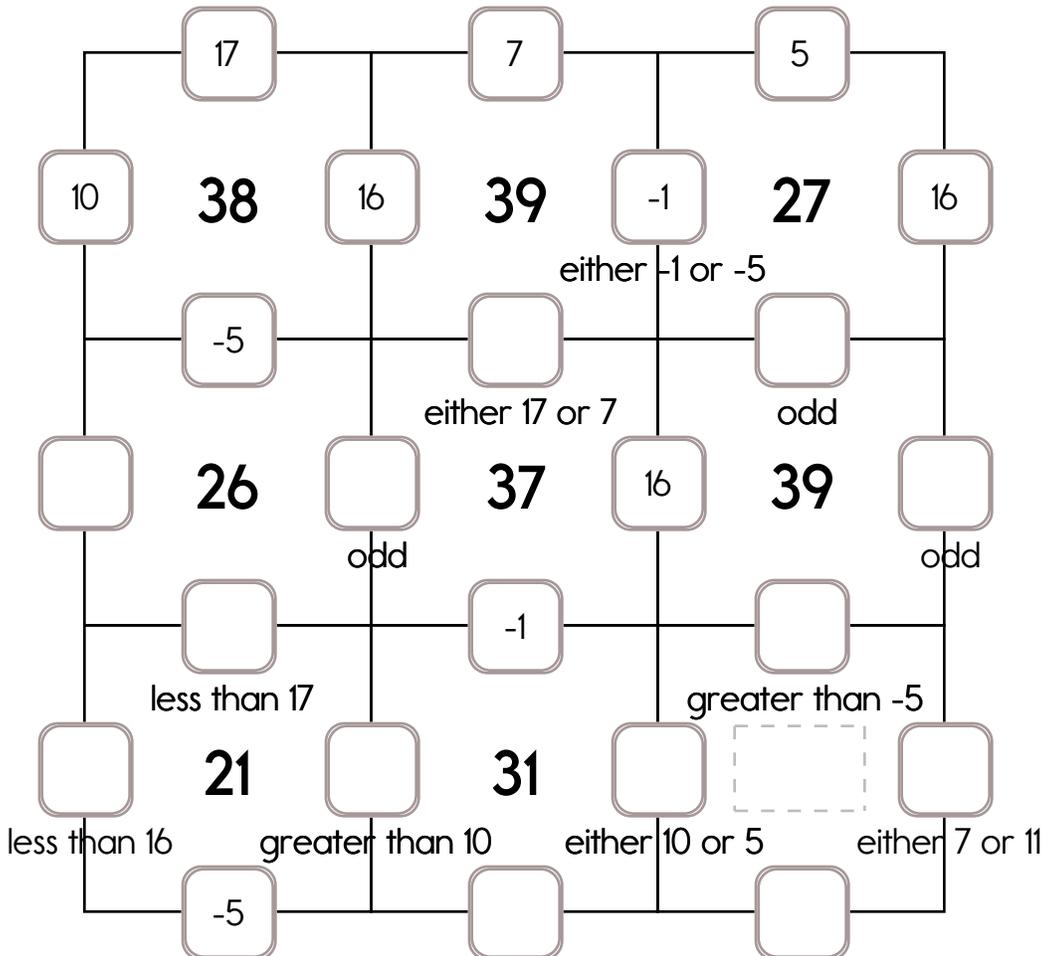
Example:

$$9 + 5 + 10 - 5 = 19$$

Sample:



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: -5, -2, or -1. The other three numbers have to all be DIFFERENT and can be from these numbers: 10, 5, 17, 11, 7, 9, or 16.



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: -9, -8, or -5. The other three numbers have to all be DIFFERENT and can be from these numbers: 16, 19, 3, 7, 14, or 9.

	16		3		16	
14	41	-8	23	19	33	
	19		9			
-8	28		23		40	16
			-8			
	35		34		37	9
	27		29		25	
	23		25			

odd less than 16

less than -8

either 19 or 3 either 19 or 7

even greater than 3

greater than -8 less than 19 odd

greater than 14 less than 14

either -8 or -9 odd less than 19 less than 19 odd

less than 19 greater than -9 either 3 or 19

odd either 14 or 3 less than 14

The pretend country of Altino has 3 big cities.

Populous is the largest city. It is on the east coast, which is next to a large ocean.

Vastly is 200 miles to the west of Populous.

Tidy is 30 miles north of Populous and 50 miles to the east of Vastly.

You are in charge of drawing a map of Altino so school kids can color it in. You don't have much information so use your imagination. Draw your map:

Twenty-seven minutes ago, Sally was getting ready for soccer practice, and it was seven minutes to 4 p.m.

The soccer field is 15 minutes away.

She just arrived at the soccer field, and it took her 2 minutes longer than the usual 15 minutes to get there. What time is it now?

Complete each analogy with the best word. <div style="border: 1px dashed black; padding: 5px; display: flex; justify-content: space-around;"> louder courage careless foolishness sound sit play wise </div>	$41 + 79 = \underline{\hspace{2cm}}$
note : _____ :: rest : quiet	$8 \times 6 = \underline{\hspace{2cm}}$
afraid : brave :: foolish : _____	

Maria went to skating class on March 3, March 8, and March 13. If this pattern continues, what is the next date that Maria will go to skating class?

13 + = 26

Write the hidden word. Start at one letter and then move either left or right.

- talking
- tawking
- talking
- taling

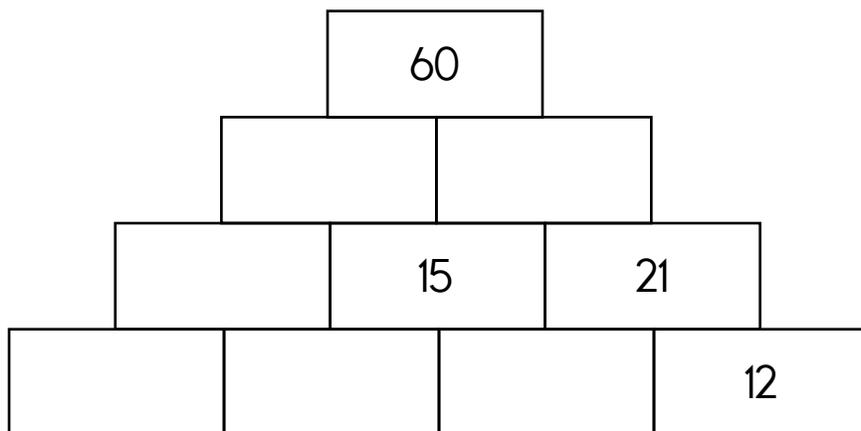
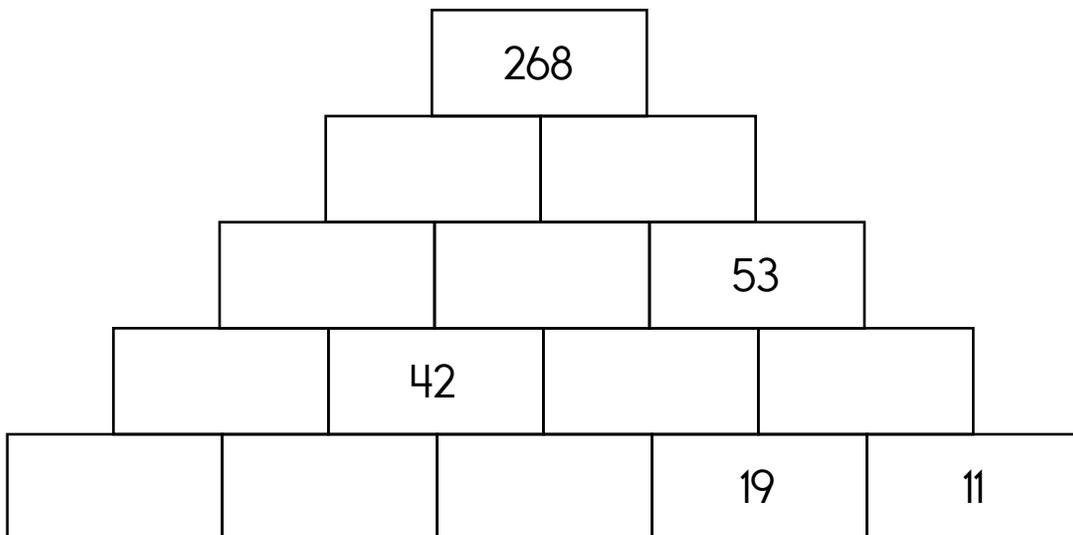
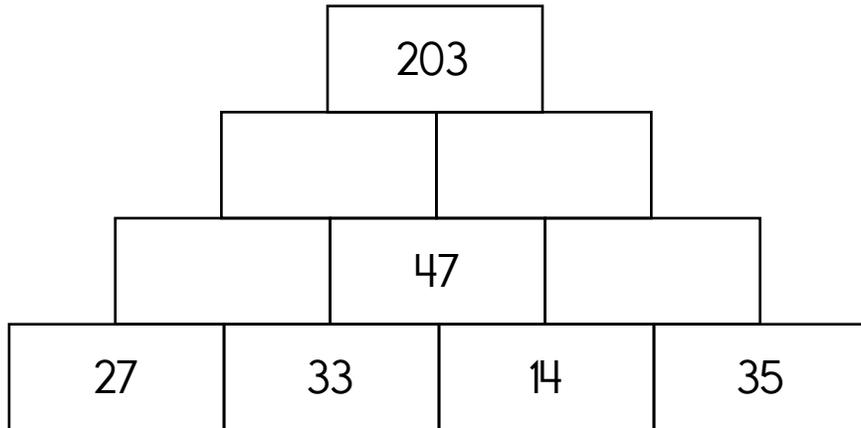


Fill in the missing double consonants or double vowels.

pi _ l _ l _	wi _ _ _ _
br _ _ _ k	disa _ _ _ ear
blo _ _ _ om	thr _ _ _ _

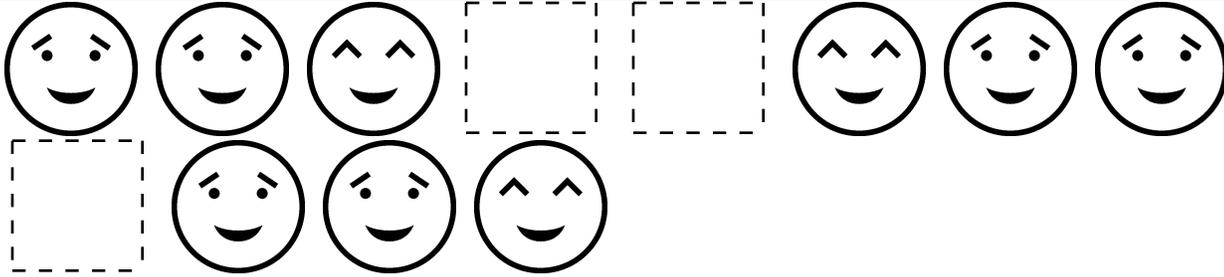
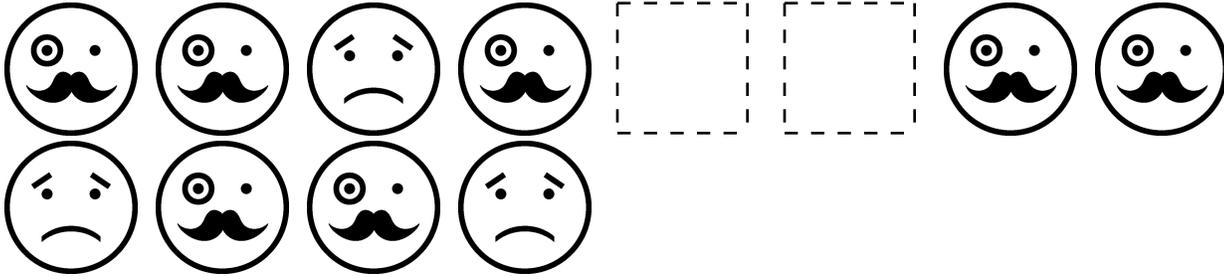
<p>across →</p> <p>2. _ ot _</p> <p>4. _ _ n</p>	<p>down ↓</p> <p>1. l _ _ g</p> <p>3. v _ _ t</p>	
-----------------------------------------------------------	------------------------------------------------------------	--

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

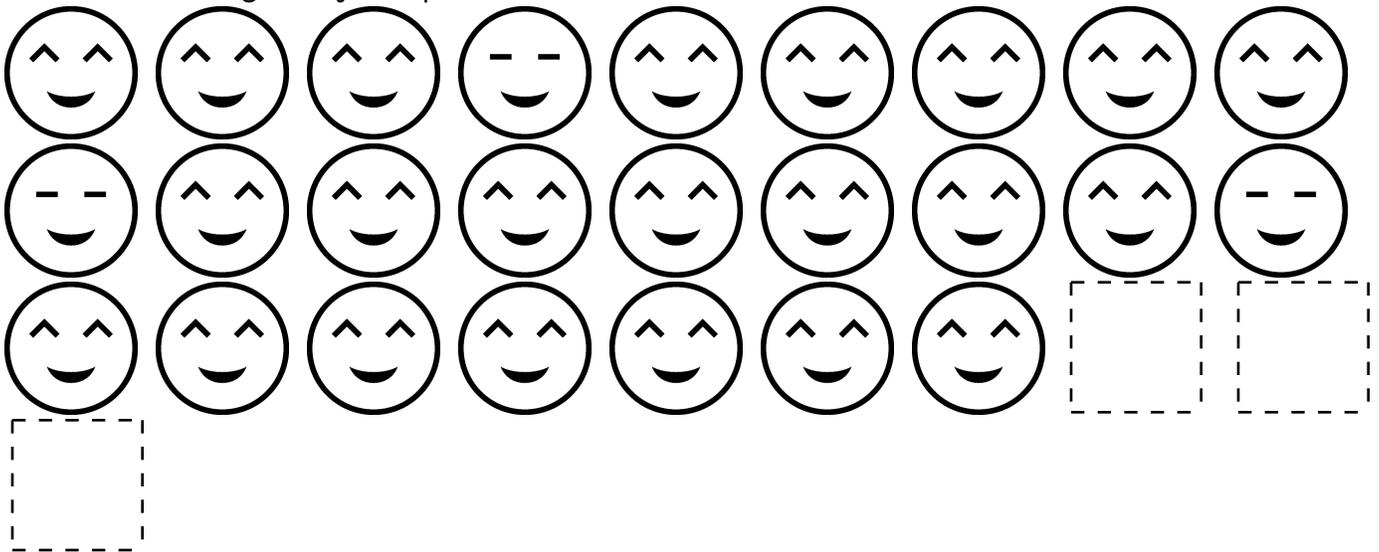


$6 - 5 = \square$	$2 + 9 = \square$	$16 - 8 = \square$	$7 - 4 = \square$
-------------------	-------------------	--------------------	-------------------

Draw the missing emojis. Explain the rule.



Draw the missing emojis. Explain the rule.



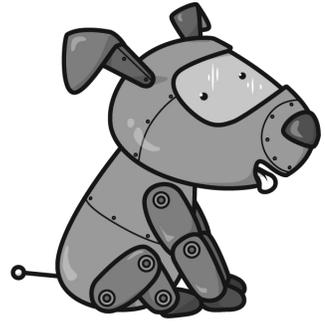
Directions:

Use the rule that
1 human year = 7 dog years
to fill in the blanks.



How many times
do you need to spin?

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



Spin fidget spinner. Quick! Do as many as you can before it stops.

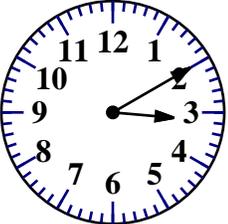
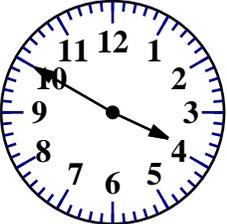
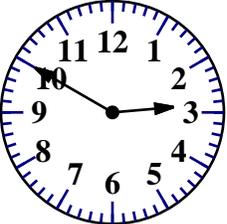
Human Years: <u>11</u> Dog's Age: <u>77</u>	Human Years: <u>1</u> Dog's Age: _____	Human Years: <u>10</u> Dog's Age: _____	Human Years: <u>4</u> Dog's Age: _____
Human Years: <u>9</u> Dog's Age: _____	Human Years: <u>2</u> Dog's Age: _____	Human Years: <u>6</u> Dog's Age: _____	Human Years: <u>12</u> Dog's Age: _____
Human Years: <u>12</u> Dog's Age: _____	Human Years: <u>3</u> Dog's Age: _____	Human Years: <u>7</u> Dog's Age: _____	Human Years: <u>8</u> Dog's Age: _____
Human Years: _____ Dog's Age: <u>49</u>	Human Years: <u>6</u> Dog's Age: _____	Human Years: _____ Dog's Age: <u>35</u>	Human Years: _____ Dog's Age: <u>14</u>
Human Years: <u>11</u> Dog's Age: _____	Human Years: <u>4</u> Dog's Age: _____	Human Years: <u>7</u> Dog's Age: _____	Human Years: <u>12</u> Dog's Age: _____

$4\frac{1}{3}$	$+\frac{1}{3}$		$+8\frac{2}{3}$
	$+58$		$-\frac{1}{3}$
$+14$			
-30			
-9		$+\frac{1}{3}$	
			$-\frac{2}{3}$

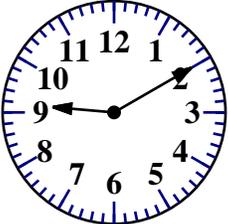
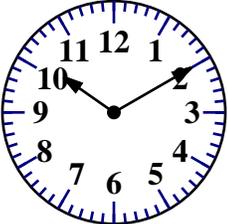
$-\frac{1}{3}$		-13	
			$-6\frac{2}{3}$
$+7$			
			-34
$+46$		-16	
$-\frac{1}{3}$		$-\frac{1}{3}$	
		$+57$	86

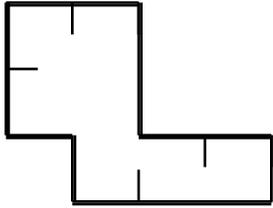
Today is _____.

Which clock shows 10 minutes to 4?

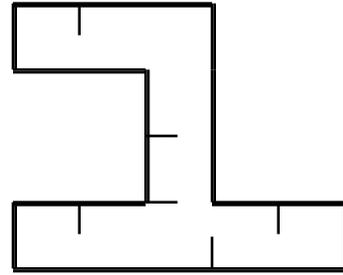
Which clock shows 10 minutes after 9?

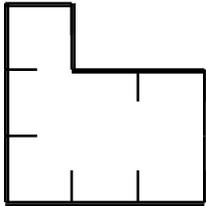


Perimeter =

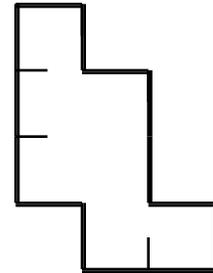
14



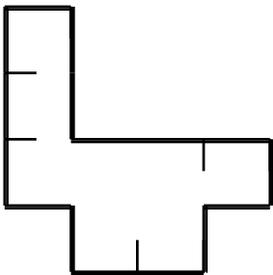
Perimeter =



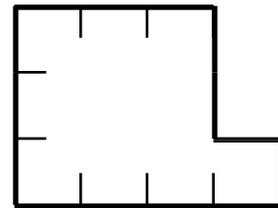
Perimeter =



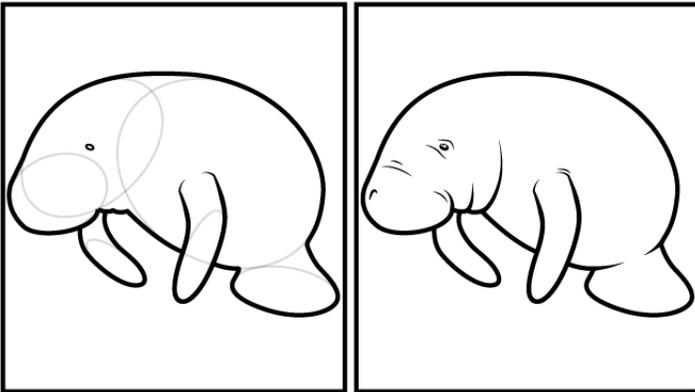
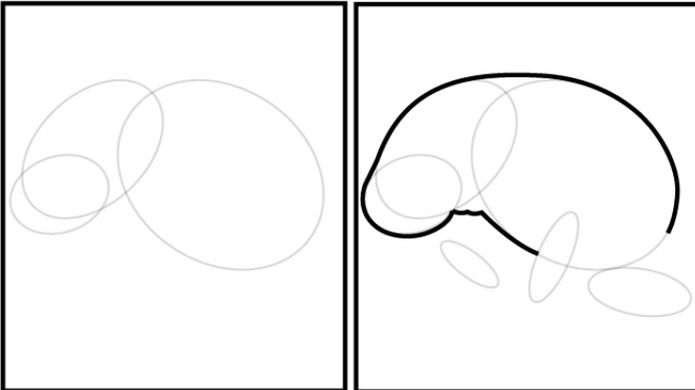
Perimeter =



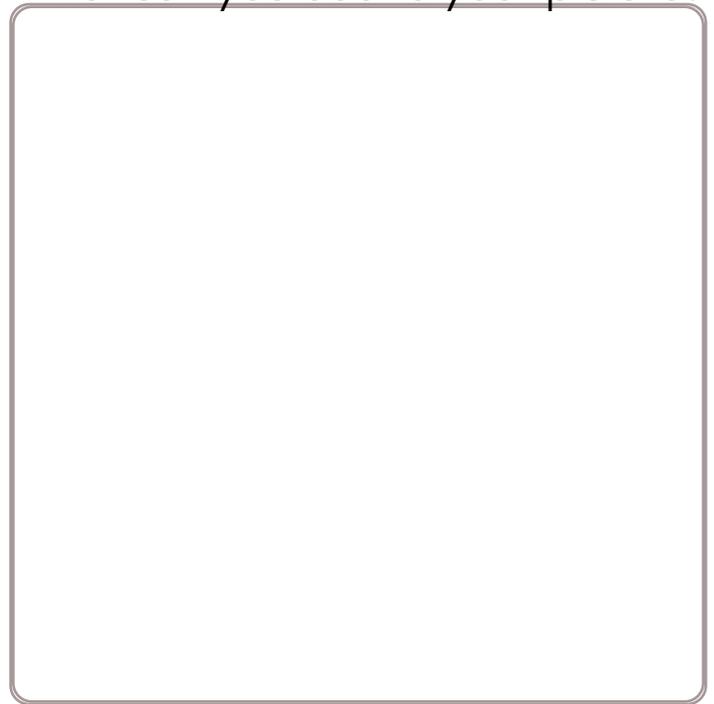
Perimeter =



Perimeter =



Draw it.
What can you add to your picture?



I added _____

$9 + 1 = \square$

$12 - 9 = \square$

$1 + 4 = \square$

$15 - 6 = \square$

$11 - 5 = \square$

$7 + 4 = \square$

$4 + 6 = \square$

$11 - 2 = \square$

$8 + 7 = \square$



Each word is missing two letters. Fill in the missing letters to complete each word.

bi _____ h

_____ gin

w _____ st

g _____ lt

_____ fore

us _____ g

sp _____ l

_____ ast

off _____

fi _____ sh



Patterns

Dr. Programmer typed:

```
#
# I am going to tell my computer
# to print a pattern.
#
print ("The pattern is AB AB AB AB.")
```

The computer replied:

```
The pattern
is AB AB AB
AB.
```

Dr. Programmer typed:

```
print ("The pattern is ABD ABD ABD ABD.")
```

The computer replied:

```
___e__a_____
___  ___D  ___
___  _____.
```

Dr. Programmer typed:

```
print ("The pattern is BJKLV
BJKLV BJKLV BJKLV.")
```

The computer replied:

```
___  ___t___  ___i___
B_____
__J__L__  _____.
```

Dr. Programmer typed:

```
print ("The pattern is AB.")
A= "cat"
B= "dog"
print (A, B, A, B, A, B)
```

The computer replied:

```
The pattern is
AB.
cat dog cat dog
cat dog
```



Dr. Programmer typed:

```
print ("The pattern is AB.")
A= "red"
B= "green"
print (A, B, A, B, A, B)
```

The computer replied:

_____ a _____ n _____

_ e _ _____ _ e _
_____ n _ e _

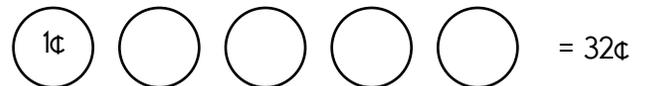
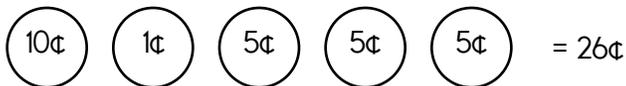
Dr. Programmer typed:

```
print ("The pattern is AB.")
A= "scream"
B= "smile"
print (A, B, A, B, A, B)
```

The computer replied:

Today is _____.

Draw the missing coins.



35 + 96 = _____

4 x 6 = _____

12 + = 25

5 + = 14

6 + = 30

23 + = 37

5 + = 22

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

$6 \times 9 = \underline{\quad}$

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

$4 \times 12 = \underline{\quad}$

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

$12 \times 8 = \underline{\quad}$



$8 \times 12 = \underline{\quad}$

$11 \times 10 = \underline{\quad}$

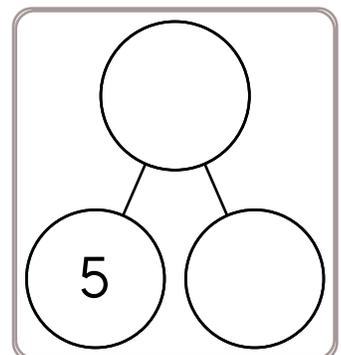
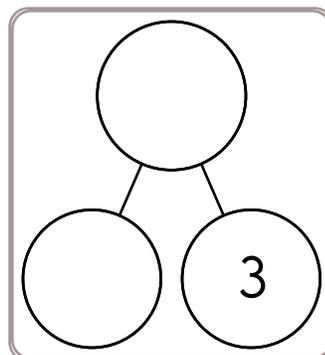
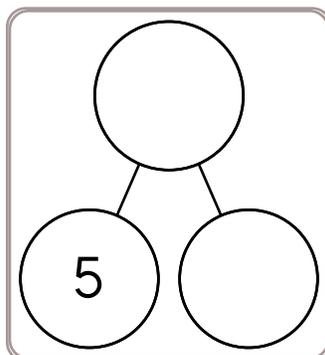
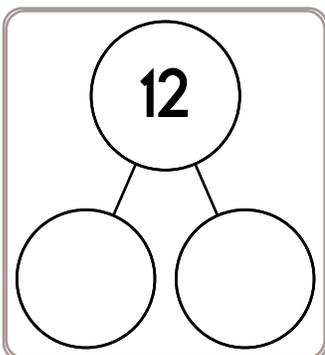
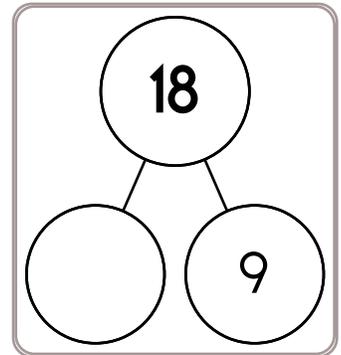
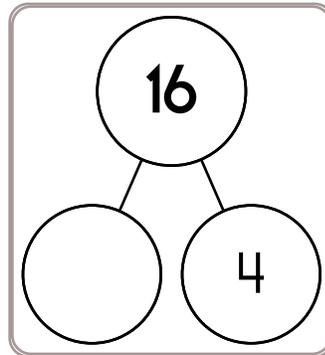
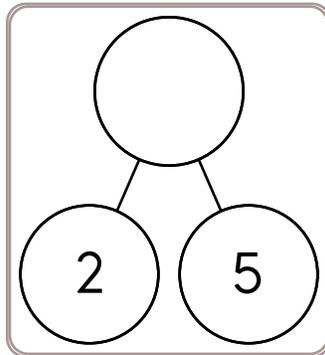
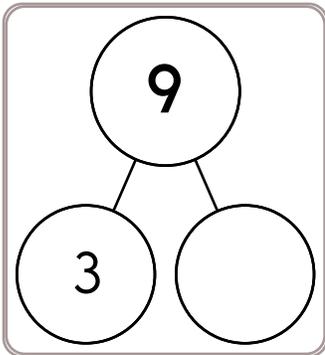
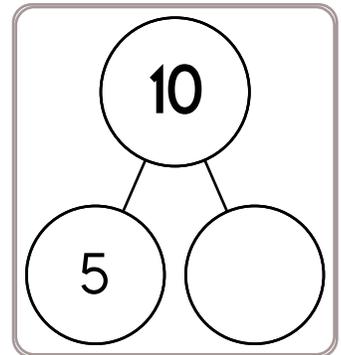
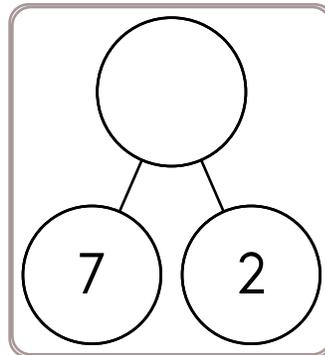
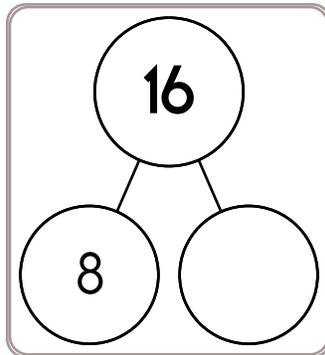
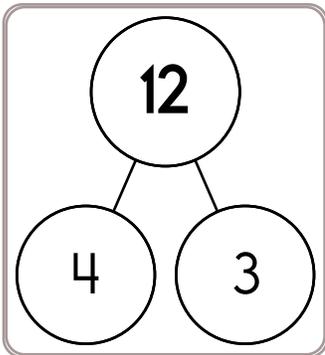
$9 \times 5 = \underline{\quad}$

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

$7 \times 9 = \underline{\quad}$

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

Spin fidget spinner. Quick! Multiply. Complete each number bond. Do as many as you can before it stops.



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

$6 \times 7 = \underline{\quad}$

$2 \times 10 = \underline{\quad}$

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

$8 \times 3 = \underline{\quad}$

$12 \times 8 = \underline{\quad}$



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

$9 \times 8 = \underline{\quad}$

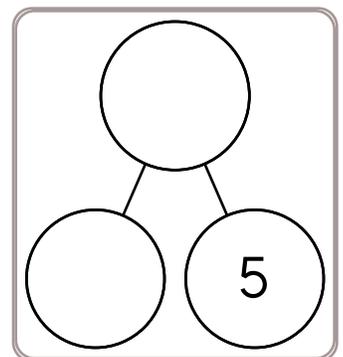
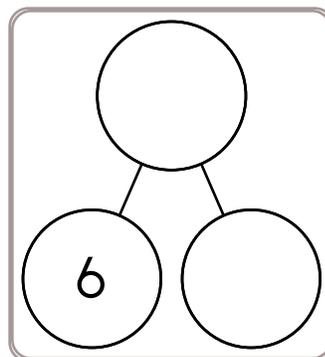
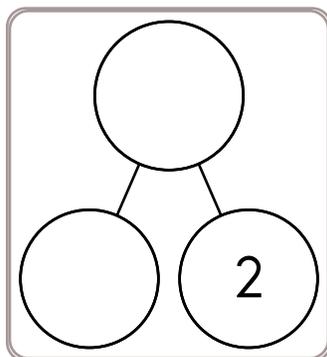
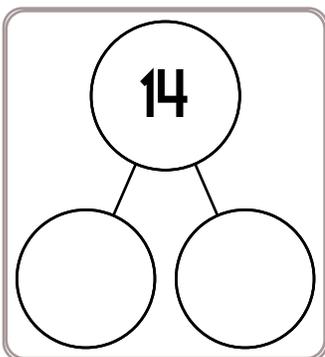
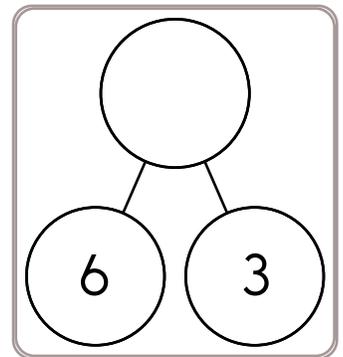
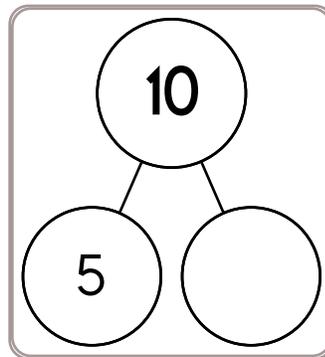
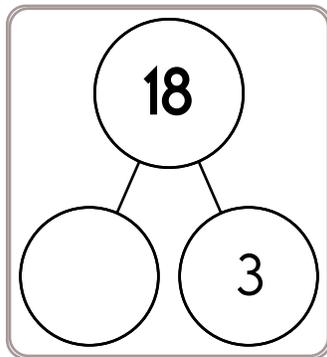
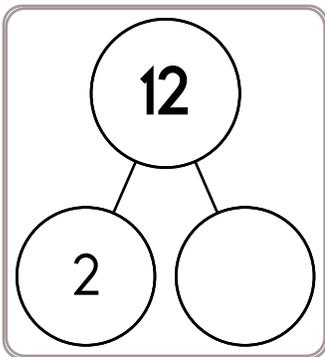
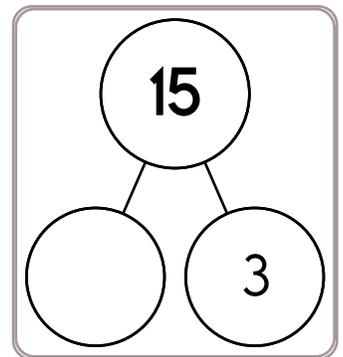
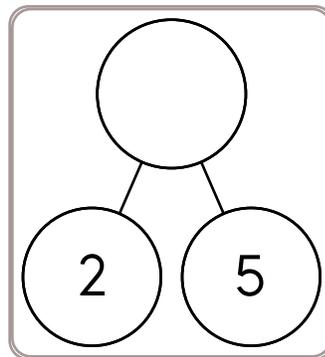
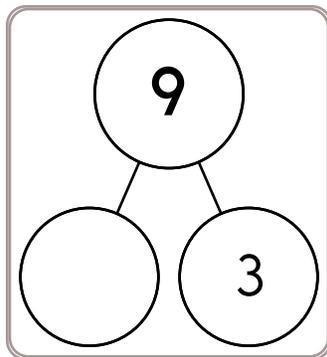
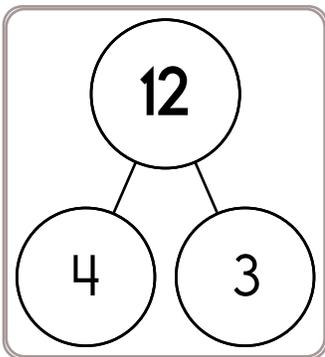
$4 \times 4 = \underline{\quad}$

$7 \times 6 = \underline{\quad}$

$12 \times 2 = \underline{\quad}$

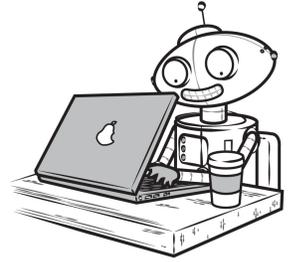
$7 \times 10 = \underline{\quad}$

Spin fidget spinner. Quick! Multiply. Complete each number bond. Do as many as you can before it stops.



Dr. Programmer is Counting Pens

Dr. Programmer loves to type on his computer. But his darn monitor is sometimes broken. Fill in what the computer should print.



(Don't tell anyone, but these are some of Dr. Programmer's secret commands!)



print This is the computer's pencil. It will be used to write something.

Dr. Programmer typed:

```
red pens = 8
green pens = 4
pens = red pens+green pens
```



```
print("There is a total of ",pens," pens.")
```

The computer replied:

```
-----
```

```
-----
```

```
-----
```

```
red pens = 9
green pens = 3
pens = red pens+green pens
```



```
print("There is a total of ",pens," pens.")
```

```
-----
```

```
-----
```

```
-----
```

```
blue pens = 9
pink pens = 5
orange pens = 3
```



```
print("We have ",pink pens," pink pens.")
```

```
-----
```

```
-----
```

$3 \times 3 = \square$

$2 + 1 = \square$

$1 + 5 = \square$

$9 + 7 = \square$

$11 - 4 = \square$

$16 - 7 = \square$

$8 \times 2 = \square$

$14 - 6 = \square$

blue pens = 8
 pink pens = 3
 orange pens = 5



print("We have ",blue pens," blue pens.")

$\begin{array}{r} 35 \\ - 18 \\ \hline \end{array}$	$\begin{array}{r} 56 \\ - 34 \\ \hline \end{array}$	$\begin{array}{r} 71 \\ - 18 \\ \hline \end{array}$	$\begin{array}{r} 60 \\ - 46 \\ \hline \end{array}$	<input type="radio"/> favorite <input type="radio"/> favoriti <input type="radio"/> fayvuriht <input type="radio"/> feyvaraht
-----------------------------------------------------	-----------------------------------------------------	-----------------------------------------------------	-----------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------

$\begin{array}{r} 63 \\ - 14 \\ \hline \end{array}$	Fill in the blanks with these numbers: 2, 7, 4	Fill in the blanks with these numbers: 1, 8, 3
	$\begin{array}{r} 1 \quad 7 \quad \square \\ 1 \quad 7 \quad 4 \\ + \quad 4 \quad \square \quad \square \\ \hline 7 \quad 7 \quad 5 \end{array}$	$\begin{array}{r} 6 \quad 6 \quad 2 \\ 1 \quad 9 \quad 3 \\ + \quad 1 \quad \square \quad \square \\ \hline 9 \quad 6 \quad \square \end{array}$

Circle the odd numbers. 84 78 56 53 45 72 87 60 132 76 47 127	<input type="radio"/> ubrella <input type="radio"/> embrillu <input type="radio"/> ummbrella <input type="radio"/> umbrella	$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ \times 10 \\ \hline \end{array}$
---------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------	----------------------------------------------------------

$9 \times 8 = \underline{\hspace{2cm}}$	$11 \times 1 = \underline{\hspace{2cm}}$	$22 + \square = 29$
-----------------------------------------	------------------------------------------	---------------------



Math Tricks

Quickly, what is $7 + 9$? Is it 16? Maybe 15? It's uh... [using fingers]. You're kidding!
When you add a number to 9, the answer is $10 +$ that number $- 1$.

$$\begin{aligned} &+9 \text{ Rule} \\ \# + 9 &= \boxed{1} \# - \boxed{1} \\ 3 + 9 &= 12 \\ 5 + 9 &= 14 \end{aligned}$$

$$\begin{aligned} \# &= 7 \\ \underline{7} + 9 &= 1 \boxed{7} - 1 \\ &= \underline{1} \underline{6} \end{aligned}$$

$$\begin{aligned} \# &= 8 \\ \underline{\quad} + 9 &= 1 \boxed{\quad} - 1 \\ &= \underline{\quad} \underline{\quad} \end{aligned}$$

$$\begin{aligned} \# &= 5 \\ \underline{\quad} + 9 &= 1 \boxed{\quad} - 1 \\ &= \underline{\quad} \underline{\quad} \end{aligned}$$

$$\begin{aligned} \# &= 2 \\ \underline{\quad} + 9 &= 1 \boxed{\quad} - 1 \\ &= \underline{\quad} \underline{\quad} \end{aligned}$$

$$\begin{aligned} 8 + 9 &= \underline{1} \underline{7} \\ \text{Since } 8 - 1 &= 7 \end{aligned}$$

$$\begin{aligned} 3 + 9 &= \underline{1} \underline{\quad} \\ \text{Since } 3 - 1 &= 2 \end{aligned}$$

$$\begin{aligned} 4 + 9 &= \underline{1} \underline{\quad} \\ \text{Since } 4 - 1 &= 3 \end{aligned}$$

$$\begin{aligned} 6 + 9 &= \underline{1} \underline{\quad} \\ \text{Since } 6 - 1 &= 5 \end{aligned}$$

$$\begin{aligned} 5 + 9 &= \underline{1} \underline{\quad} \\ \text{Since } 5 - 1 &= 4 \end{aligned}$$

$$\begin{aligned} 1 + 9 &= \underline{1} \underline{\quad} \\ \text{Since } 1 - 1 &= 0 \end{aligned}$$

$$\begin{aligned} 9 + 9 &= \underline{1} \underline{\quad} \\ \text{Since } 9 - 1 &= 8 \end{aligned}$$

$$\begin{aligned} 2 + 9 &= \underline{1} \underline{\quad} \\ \text{Since } 2 - 1 &= 1 \end{aligned}$$

Write in your own words how to add a number to 9.

Step 1:

Fill in the numbers.

41	42	43	44	45
51			54	
61		63		
	72			

13		15	16	17	
			26	27	28
				37	38
				47	48
					58

	76		78
		87	
95			

		64			
	73				
				86	87

24

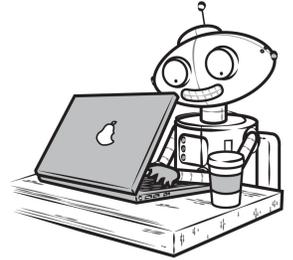
		60
	69	
		80
	89	

		58
		68
		78
		88

	23	24		
	33		35	
	53			

Girl or Boy?

Dr. Programmer loves to type on his computer. But his darn monitor is sometimes broken. Fill in what the computer should print.



Dr. Programmer typed:

```
KID="Hannah"
P="girl"
print( KID," is a ",P )
```

```
print ( "She likes soccer!" )
```

```
KID="Austin"
P="boy"
print( KID," is a ",P )
```

```
print ( "He plays hockey." )
```

The computer replied:

Hannah is a girl

____ l _____
 _____ r _____

<p>Fill in the blanks with these numbers: 6, 4, 1</p> $\begin{array}{r} 3 \quad \square \quad 3 \\ + \square \quad 2 \quad 1 \\ \hline 4 \quad 8 \quad \square \end{array}$	<p>Fill in the blanks with these numbers: 0, 1, 3</p> $\begin{array}{r} 1 \quad 3 \quad 8 \\ + 1 \quad 6 \quad 3 \\ \hline \square \quad \square \quad \square \end{array}$	$\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$	
$8 + \square = 12$	$8 + \square = 21$	$30 + \square = 36$	$28 + \square = 34$



How many times
do you need to spin?

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

Spin fidget spinner. Quick! Do as many as you can before it stops.

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

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

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

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: -2, -7, or -6. The other three numbers have to all be DIFFERENT and can be from these numbers: 14, 7, 4, 5, 16, or 11.

	4		5		16	
-7	15	11	21	7	27	<input type="text"/>
	7		-2			odd
-6	10	<input type="text"/>	26	16	27	14
	<input type="text"/>		<input type="text"/>		<input type="text"/>	
	less than 5		odd		greater than -6	
<input type="text"/>	14	<input type="text"/>	25	<input type="text"/>	16	<input type="text"/>
odd						either 4 or 5
	<input type="text"/>		<input type="text"/>		<input type="text"/>	
	even		either 11 or 14		either 4 or 14	
<input type="text"/>	28	<input type="text"/>	28	<input type="text"/>	33	<input type="text"/>
odd		greater than 7		odd		even
	<input type="text"/>		<input type="text"/>		<input type="text"/>	
	odd				either -2 or -6	
<input type="text"/>	22	<input type="text"/>	13	<input type="text"/>	<input type="text"/>	<input type="text"/>
even		less than 14		either 11 or 16		
	<input type="text"/>		<input type="text"/>		<input type="text"/>	
	even					

581	600	566	591
Write the numbers in order from largest to smallest.			
largest			smallest

Write the correct symbol.

< = >

395 1,395

- spint
- spant
- spent
- speent



<p>Fill in the blanks with these numbers: 5, 3, 2</p> <table style="width: 100%; text-align: center;"> <tr> <td>4</td> <td>8</td> <td>1</td> </tr> <tr> <td>-</td> <td>3</td> <td><input style="width: 40px; height: 20px;" type="text"/></td> <td>8</td> </tr> <tr style="border-top: 1px solid black;"> <td></td> <td>1</td> <td><input style="width: 40px; height: 20px;" type="text"/></td> <td><input style="width: 40px; height: 20px;" type="text"/></td> </tr> </table>	4	8	1	-	3	<input style="width: 40px; height: 20px;" type="text"/>	8		1	<input style="width: 40px; height: 20px;" type="text"/>	<input style="width: 40px; height: 20px;" type="text"/>	<p>Fill in the blanks with these numbers: 2, 3, 1</p> <table style="width: 100%; text-align: center;"> <tr> <td><input style="width: 40px; height: 20px;" type="text"/></td> <td>6</td> <td><input style="width: 40px; height: 20px;" type="text"/></td> </tr> <tr> <td>-</td> <td>2</td> <td>5</td> <td>8</td> </tr> <tr style="border-top: 1px solid black;"> <td><input style="width: 40px; height: 20px;" type="text"/></td> <td>0</td> <td>4</td> </tr> </table>	<input style="width: 40px; height: 20px;" type="text"/>	6	<input style="width: 40px; height: 20px;" type="text"/>	-	2	5	8	<input style="width: 40px; height: 20px;" type="text"/>	0	4
4	8	1																				
-	3	<input style="width: 40px; height: 20px;" type="text"/>	8																			
	1	<input style="width: 40px; height: 20px;" type="text"/>	<input style="width: 40px; height: 20px;" type="text"/>																			
<input style="width: 40px; height: 20px;" type="text"/>	6	<input style="width: 40px; height: 20px;" type="text"/>																				
-	2	5	8																			
<input style="width: 40px; height: 20px;" type="text"/>	0	4																				

Add. Fill in the blanks.

+	6	8	5
1	<input style="width: 40px; height: 20px;" type="text"/>	9	<input style="width: 40px; height: 20px;" type="text"/>
2	<input style="width: 40px; height: 20px;" type="text"/>	10	7

$83 + 67 = \underline{\hspace{2cm}}$	$\begin{array}{r} 12 \\ \times 11 \\ \hline \end{array}$
$2 \times 6 = \underline{\hspace{2cm}}$	$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$
$6 \times 5 = \underline{\hspace{2cm}}$	

$2 \overline{)6}$	$2 \overline{)8}$
-------------------	-------------------

Color in $\frac{1}{3}$ of the rectangle.

$\begin{array}{r} 3 \\ \times 10 \\ \hline \end{array}$

$96 + 33 = \underline{\hspace{2cm}}$

$5 + \square = 15$	$15 + \square = 33$	$22 + \square = 28$	$24 + \square = 27$
--------------------	---------------------	---------------------	---------------------

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

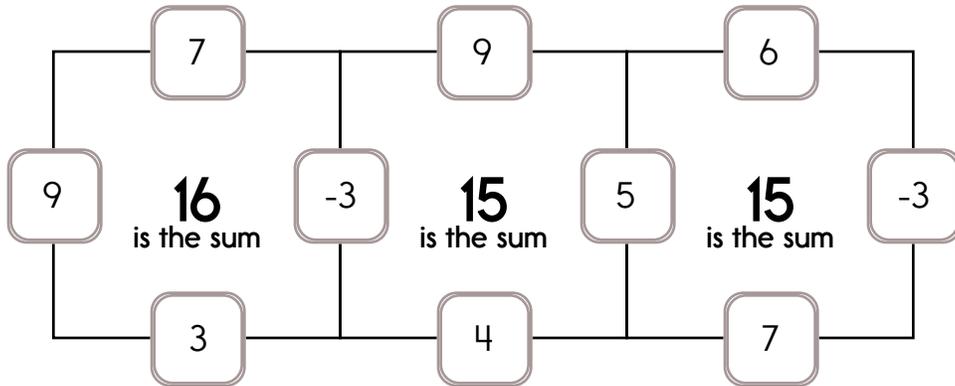
Example:

$$9 + 7 + 3 - 3 = 16$$

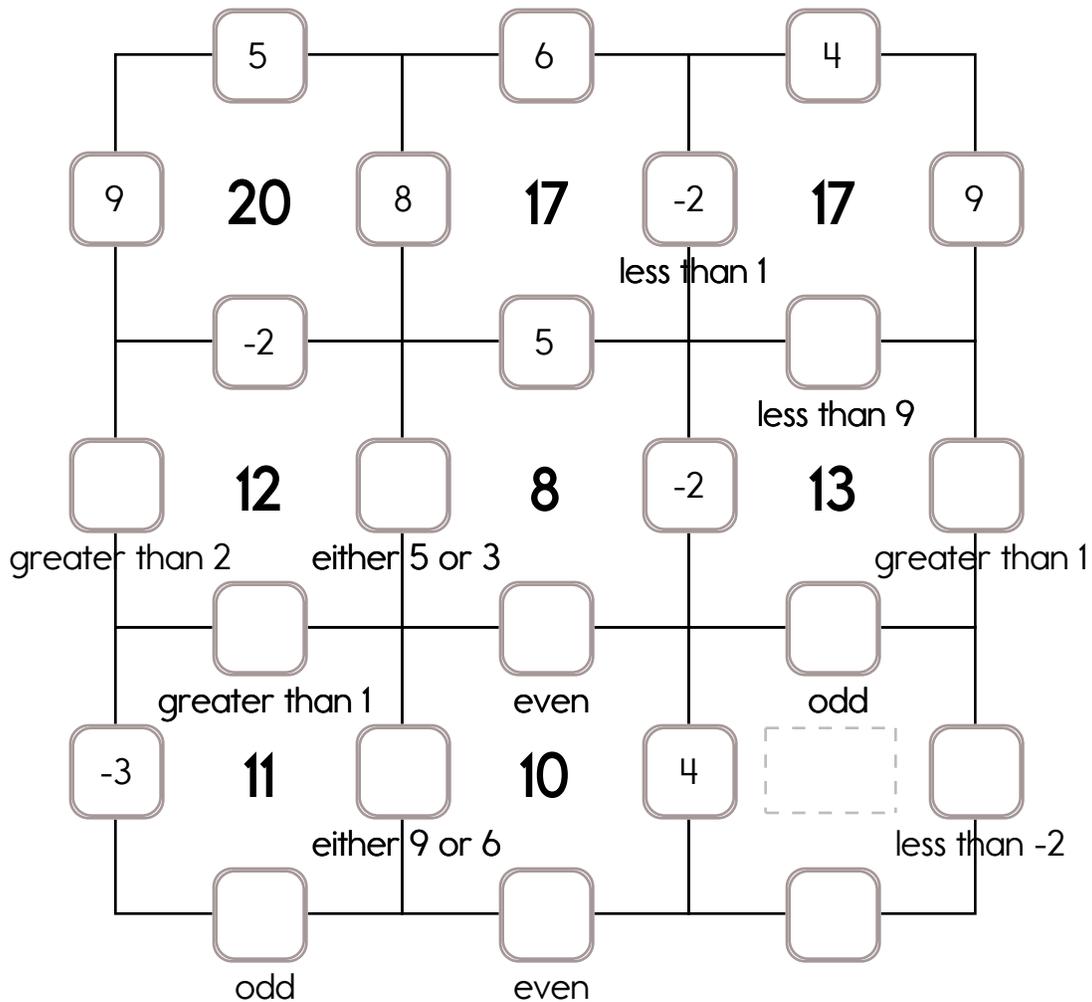
Example:

$$5 + 6 + 7 - 3 = 15$$

Sample:



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: -1, -2, or -3. The other three numbers have to all be DIFFERENT and can be from these numbers: 1, 2, 3, 4, 5, 6, 7, 8, or 9.



True, Not True, False, and Not False

True True

Not True False

False False

Not False True

**With "OR"
only ONE true is needed.**

True or False True

True or True True

False or True True

False or False False

False _____

True _____

Not False _____

Not True _____

True or False _____

True or True _____

False or False _____

False or True _____

WHERE CAN YOU FIND AN OCEAN WITH NO WATER?

19 7 165 48 165 69

8 less than 77	P	132, 143, 154, ____	A
46 + ____ = 53	N	nineteen	O
54 minus 6	M		



93 + 3 = _____

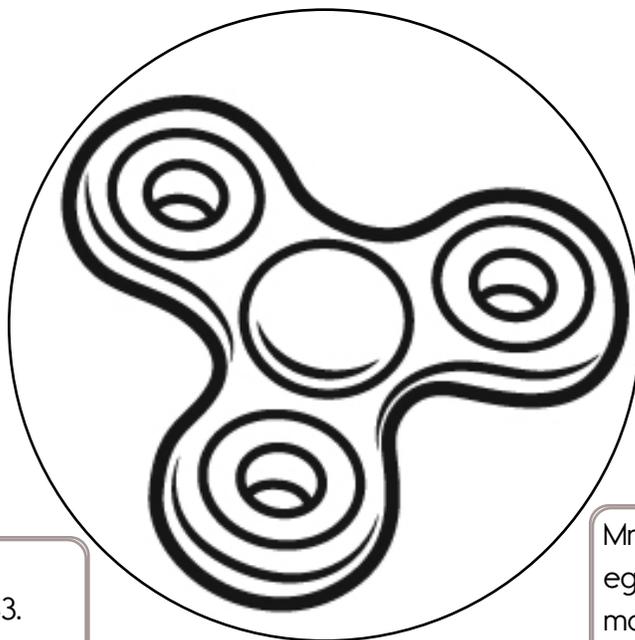
Write the correct symbol.

< = >

4,265 ○ 4,265

$$\begin{array}{r} 97 \\ - 95 \\ \hline \end{array}$$

Use a scrap piece of paper.



How many times
do you need to spin?

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

Amy went to the store. She bought a dozen eggs for \$1.33. She gave the clerk \$10. How much change did she get back?

Eggs cost \$1.30 for one dozen. How much would it cost to buy two dozen eggs?

Mrs. Moore bought one dozen eggs. She used six of them to make a cake. She cooked two of them for breakfast. How many eggs were left?

Jacob put 112 boxes of Jell-O on the store shelf. The store sold 75 boxes. How many boxes were left?

Nine penguins went fishing. Six penguins caught some fish. What fraction of the penguins did NOT catch any fish?

Jason picked 5 baskets of apples. There were 20 apples in each basket. How many apples did he pick?

Hannah has 36 art books. Wendy has 17 art books. How many more art books does Hannah have than Wendy has?

Mr. Smith has a herd of 142 cows. If he sells 54 of them, how many cows will he have left?

Nine men planted trees at the park. Each man planted 2 trees. How many trees were planted in all?

Hannah made a big fruit salad for lunch. She started it at 10:40 a.m. It was finished at 11:10 a.m. How long did it take to make the salad?

Sara took a nap on Lazy Day. She went to sleep at 1:47 p.m. She slept for an hour and 34 minutes. What time did she wake up?

Justin went to the store. He liked being a geek. He bought 8 pens at 57¢ each and a pencil case for \$1.08. How much did he spend in all?

Spin the fidget spinner again until you finish THIS page. I needed to spin _____ time(s) to finish.

There were 134 men on the ship. During the storm, 37 of the men got sick. How many men did not get sick?

Rose counted 362 people at the beach. If 163 of them were playing in the water, how many people were not playing in the water?

Buster Bee flew 3.7 miles to the honey tree. Then he flew 3.5 miles to the hive. How many miles did he fly in all?

Wendy went to the Sparkle Sweet Shoppe. She had three quarters and four dimes. She bought a cherry parfait for 77 cents. How much change did she get?

Records show there were 319 people in the park on the first day of spring. There were 184 children. How many adults were in the park?

There were 46 dictionaries on the shelf. Mrs. Hernandez gave 26 to his students. How many were left on the shelf?

Maria walked 2.6 miles with her father every day. How many miles did she walk with her father in two weeks?

Holly read 29 pages of her book on Quiet Day. Her sister read 51 pages of her book. How many pages did the girls read in all?

Kevin had \$120.86 in his savings account. His neighbor gave him \$8.25 for his birthday. He put it in his account. How much is in his account now?

Sally counted 90 votes. There were 35 votes for Fred and 21 votes for Mark. The rest were for Debbie. How many votes were for Debbie?

Jenna's white t-shirt cost \$6.60. Amy's white t-shirt cost \$4.56. How much more did Jenna's t-shirt cost than Amy's t-shirt?

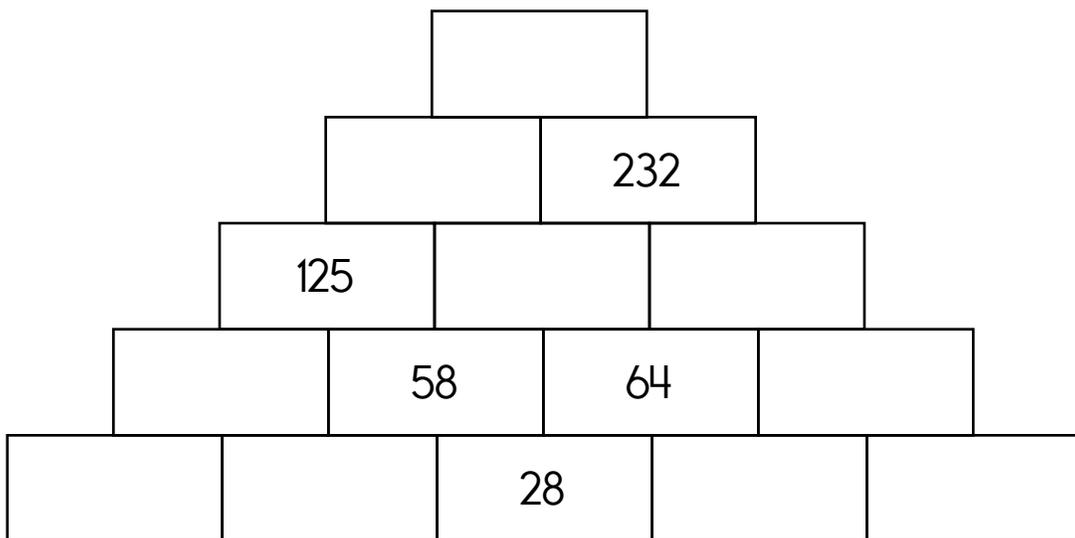
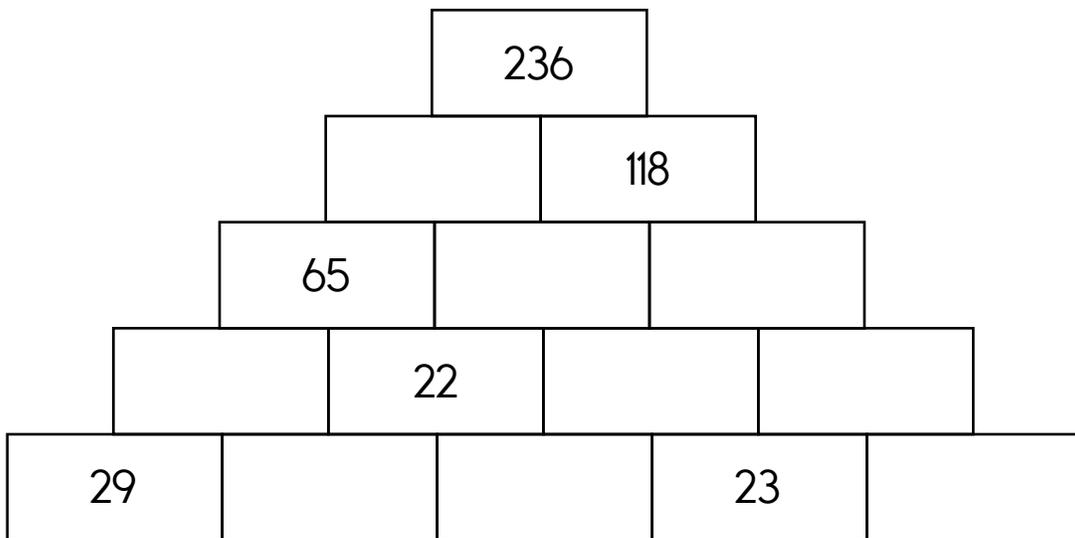
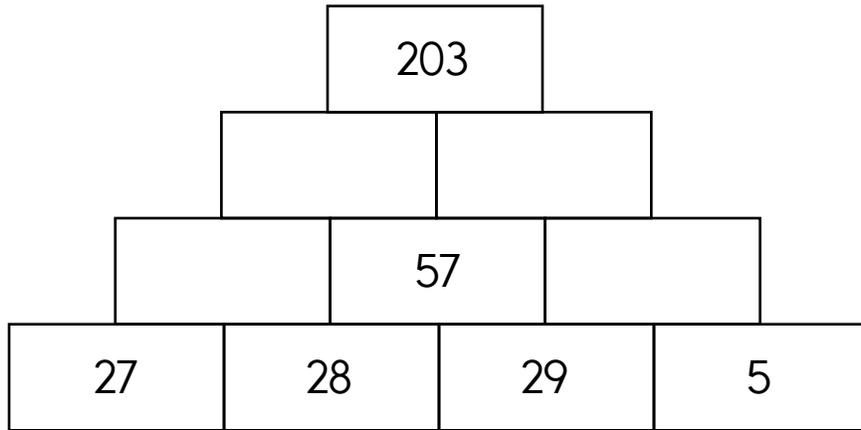
Jason had fifty-one rocks in his collection. He gave Gavin fifteen rocks. He gave Nathan eight rocks. How many rocks does Jason have left?

Robert cut seven pizzas into 14 pieces each. How many pieces of pizza did he have in all?

There were 7 rows of trees at the lot. There were 9 trees in each row. How many trees were there in all?

Megan wants to buy a Frisbee to take to the beach. The Frisbee costs \$2.57. If Megan gives the clerk \$3, how much change will she get?

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



$1 \times 6 = \square$	$6 + 4 = \square$	$9 + 2 = \square$	$8 - 5 = \square$
------------------------	-------------------	-------------------	-------------------

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

Z, ____, ____, Q, N, K, H, E, B

Z, W, T, Q, ____, ____, H, E, ____

Find the missing numbers. These both have the same rule. What is the rule?

If

$$1, 7 = 8$$

$$2, 9 = 11$$

$$3, 13 = 16$$

$$4, 18 = 22$$

Then

$$5, 22 = ?$$

If

$$8, 12 = 20$$

$$9, 16 = 25$$

$$10, 20 = 30$$

$$11, 22 = 33$$

Then

$$12, 25 = ?$$

What is the rule for each pattern?

9, 9, _____, _____, 27, 23, 36, 30, 45, 37, 54, 44

_____, _____, 37, 35, 53, 49, 69, 63, 85, 77, 101, 91, 117, 105

5, 5, 15, 17, 25, 29, 35, 41, 45, 53, 55, _____, _____

Find the missing numbers. These both have the same rule. What is the rule?

If

$$1, 10 = 11$$

$$2, 15 = 17$$

$$3, 18 = 21$$

$$4, 23 = 27$$

Then

$$5, 26 = ?$$

If

$$4, 12 = 16$$

$$5, 16 = 21$$

$$6, 20 = 26$$

$$7, 24 = 31$$

Then

$$8, 29 = ?$$

708
961
784
406

_____ < _____ < 784 < _____

525
940
223
492

_____ < _____ < _____ < _____

319
105
624
933

_____ < _____ < _____ < _____

189
961
693
535

_____ > _____ > _____ > _____

652
658
655
657

_____ > _____ > _____ > 652

633
832
788
539

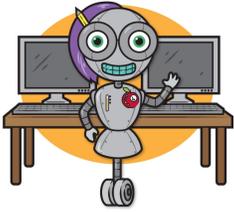
_____ < _____ < _____ < _____

154
632
347
566

_____ < _____ < 566 < _____

475
160
339
910

_____ > _____ > _____ > _____



Miss Meena is your new math teacher. And she is a robot! She doesn't talk. Do you know how she teaches her class?

Miss Meena typed:

```
x = 5
print ("What is x?")

print (x)
```

The computer replied:

What is x?

5

```
x = 98
print ("What is x?")

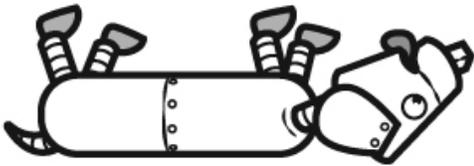
print (x)
```

```
x = 5
y = 6
print ("What is x + y?")

Answer = x + y
print (Answer)
```

What is x + y?

11



Can you read that? That is how Miss Meena teaches. Shes codes computer programs. Did you guess correctly what the computer replied with? **Don't ask robot dog!**

These two clocks should show the SAME time.
write the hour draw minute hand

$5 \overline{)30}$	$8 \overline{)32}$
$29 + \square = 35$	

:50



Can you figure these out?

```
x = 934
y = 97
print ("What is y?")

print (y)
```

```
x = 42
y = 31
print ("What is x + y?")

Answer = x + y
print (Answer)
```

```
x = 19
y = 97
print ("What is y - x?")

Answer = y - x
print (Answer)
```

$84 - 59 = \underline{\hspace{2cm}}$	$55 - 43 = \underline{\hspace{2cm}}$	$\begin{array}{r} 61 \\ + 26 \\ \hline \end{array}$
$23 + \square = 29$	$22 + \square = 28$	
Which number is four hundred seventy-six? 4,076 476 4,706 764	$9 \times 8 = \underline{\hspace{2cm}}$	$\begin{array}{r} 10 \\ \times 12 \\ \hline \end{array}$



Is 661 closer to 600 or 700?

$$\begin{array}{r} 661 \\ - 600 \\ \hline \end{array} \qquad \begin{array}{r} 700 \\ - 661 \\ \hline \end{array}$$

661 is _____ away from 600.

661 is _____ away from 700.

661 is closest to _____.

Is 4657 closer to 4630 or 4730?

$$\begin{array}{r} 4657 \\ - 4630 \\ \hline \end{array} \qquad \begin{array}{r} 4730 \\ - 4657 \\ \hline \end{array}$$

4657 is _____ away from 4630.

4657 is _____ away from 4730.

4657 is closest to _____.

Is 1577 closer to 1520 or 1620?

$$\begin{array}{r} 1577 \\ - 1520 \\ \hline \end{array} \qquad \begin{array}{r} 1620 \\ - 1577 \\ \hline \end{array}$$

1577 is _____ away from 1520.

1577 is _____ away from 1620.

1577 is closest to _____.

Is 838 closer to 800 or 900?

$$\begin{array}{r} 838 \\ - 800 \\ \hline \end{array} \qquad \begin{array}{r} 900 \\ - 838 \\ \hline \end{array}$$

838 is _____ away from 800.

838 is _____ away from 900.

838 is closest to _____.

Is 544 closer to 500 or 600?

$$\begin{array}{r} 544 \\ - 500 \\ \hline \end{array} \qquad \begin{array}{r} 600 \\ - 544 \\ \hline \end{array}$$

544 is _____ away from 500.

544 is _____ away from 600.

544 is closest to _____.

Is 4381 closer to 3660 or 4660?

$$\begin{array}{r} 4381 \\ - 3660 \\ \hline \end{array} \qquad \begin{array}{r} 4660 \\ - 4381 \\ \hline \end{array}$$

4381 is _____ away from 3660.

4381 is _____ away from 4660.

4381 is closest to _____.

Round each number to the nearest hundreds. Add or subtract to get an estimate of the answer.

$$\begin{array}{r} 204 \longrightarrow \boxed{200} \\ + 232 \longrightarrow \boxed{200} \\ \hline 400 \end{array}$$

$$\begin{array}{r} 215 \longrightarrow \boxed{} \\ - 128 \longrightarrow \boxed{} \\ \hline \end{array}$$

$$\begin{array}{r} 604 \longrightarrow \boxed{} \\ + 536 \longrightarrow \boxed{} \\ \hline \end{array}$$

$$\begin{array}{r} 412 \longrightarrow \boxed{} \\ - 232 \longrightarrow \boxed{} \\ \hline \end{array}$$

$$\begin{array}{r} 115 \longrightarrow \boxed{} \\ + 699 \longrightarrow \boxed{} \\ \hline \end{array}$$

$$\begin{array}{r} 609 \longrightarrow \boxed{} \\ - 283 \longrightarrow \boxed{} \\ \hline \end{array}$$

$$\begin{array}{r} 843 \longrightarrow \boxed{} \\ - 143 \longrightarrow \boxed{} \\ \hline \end{array}$$

$$\begin{array}{r} 637 \longrightarrow \boxed{} \\ + 385 \longrightarrow \boxed{} \\ \hline \end{array}$$

$$\begin{array}{r} 476 \longrightarrow \boxed{} \\ + 642 \longrightarrow \boxed{} \\ \hline \end{array}$$

$$\begin{array}{r} 622 \longrightarrow \boxed{} \\ - 468 \longrightarrow \boxed{} \\ \hline \end{array}$$

$$\begin{array}{r} 278 \longrightarrow \boxed{} \\ - 245 \longrightarrow \boxed{} \\ \hline \end{array}$$

$$\begin{array}{r} 381 \longrightarrow \boxed{} \\ + 854 \longrightarrow \boxed{} \\ \hline \end{array}$$

Round to the nearest hundred.

$$\begin{array}{r} 416 \rightarrow \\ + 65 \rightarrow \\ \hline \end{array} \begin{array}{r} 400 \\ 100 \\ \hline \end{array}$$

$$\begin{array}{r} 642 \rightarrow \\ - 128 \rightarrow \\ \hline \end{array} \begin{array}{r} \\ \\ \hline \end{array}$$

$$\begin{array}{r} 357 \rightarrow \\ + 387 \rightarrow \\ \hline \end{array} \begin{array}{r} \\ \\ \hline \end{array}$$

Round to the nearest ten.

$$\begin{array}{r} 17 \rightarrow \\ - 15 \rightarrow \\ \hline \end{array} \begin{array}{r} 20 \\ 20 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \rightarrow \\ + 0 \rightarrow \\ \hline \end{array} \begin{array}{r} \\ \\ \hline \end{array}$$

$$\begin{array}{r} 28 \rightarrow \\ + 62 \rightarrow \\ \hline \end{array} \begin{array}{r} \\ \\ \hline \end{array}$$

Round to the nearest hundred.

$$\begin{array}{r} 713 \rightarrow \\ - 253 \rightarrow \\ \hline \end{array} \begin{array}{r} 700 \\ 300 \\ \hline \end{array}$$

$$\begin{array}{r} 919 \rightarrow \\ - 35 \rightarrow \\ \hline \end{array} \begin{array}{r} \\ \\ \hline \end{array}$$

$$\begin{array}{r} 22 \rightarrow \\ + 160 \rightarrow \\ \hline \end{array} \begin{array}{r} \\ \\ \hline \end{array}$$

Round to the nearest ten.

$$\begin{array}{r} 919 \rightarrow \\ + 116 \rightarrow \\ \hline \end{array} \begin{array}{r} 920 \\ 120 \\ \hline \end{array}$$

$$\begin{array}{r} 273 \rightarrow \\ - 190 \rightarrow \\ \hline \end{array} \begin{array}{r} \\ \\ \hline \end{array}$$

$$\begin{array}{r} 205 \rightarrow \\ + 348 \rightarrow \\ \hline \end{array} \begin{array}{r} \\ \\ \hline \end{array}$$



How many times
do you need to spin?

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

Spin fidget spinner. Quick! Do as many as you can before it stops.

$8 - 3 - 2 + 7 = \underline{\quad}$

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

$8 + 4 - 6 - 3 = \underline{\quad}$

$1 + (6 + 1) + 3 = \underline{\quad}$

$9 - 4 - 4 = \underline{\quad}$

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

$(1 + 1) + 7 = \underline{\quad}$

$3 + 1 - 3 + 5 = \underline{\quad}$

$7 - 5 + 1 + 5 = \underline{\quad}$

$1 + (1 + 3) - 5 = \underline{\quad}$

$(9 + 2 - 2) + 6 = \underline{\quad}$

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

$8 - 2 + 1 = \underline{\quad}$

$9 + 7 + 2 = \underline{\quad}$

$9 + (2 + 1) = \underline{\quad}$

$8 - (2 + 2) = \underline{\quad}$

$9 - 2 + 8 - 1 = \underline{\quad}$

$8 + 7 + 9 = \underline{\quad}$

$4 + 6 + 7 = \underline{\quad}$

$1 + 4 + (4 + 7) = \underline{\quad}$

$9 + 8 + 9 = \underline{\quad}$

$2 + 3 + 9 + 7 = \underline{\quad}$

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

$2 + 8 + 1 + 9 = \underline{\quad}$

$9 + 6 + 8 + 8 = \underline{\quad}$

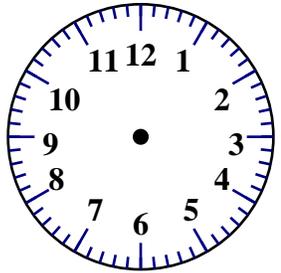
$6 + 6 + 7 = \underline{\quad}$

$6 + 8 + 9 + 5 = \underline{\quad}$

$\begin{array}{r} 65 \\ - 18 \\ \hline \end{array}$	Fill in the blanks with these numbers: 1, 1, 9	Fill in the blanks with these numbers: 1, 3, 6
	$7 \quad \square \quad 9$	$9 \quad 6 \quad \square$
	$+ \quad 1 \quad \square \quad 7$ <hr style="width: 100%;"/> $9 \quad \square \quad 6$	$- \quad 6 \quad \square \quad 9$ <hr style="width: 100%;"/> $\square \quad 4 \quad 7$

r s a e w a j n v d
 r o a a l b a r n a
 n w y n q r r r l r
 a n a e a r n q e r
 w e s n y f n a a a
 n y a r n e n e r r
 n b r l e y a a n n
 r a n k d x n c x n

02:42



$\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$
$\begin{array}{r} 2 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$

How many -ARN words can you find in the word search? Write the words you find.

10 + = 22

- coler
- kuhlur
- color
- colr

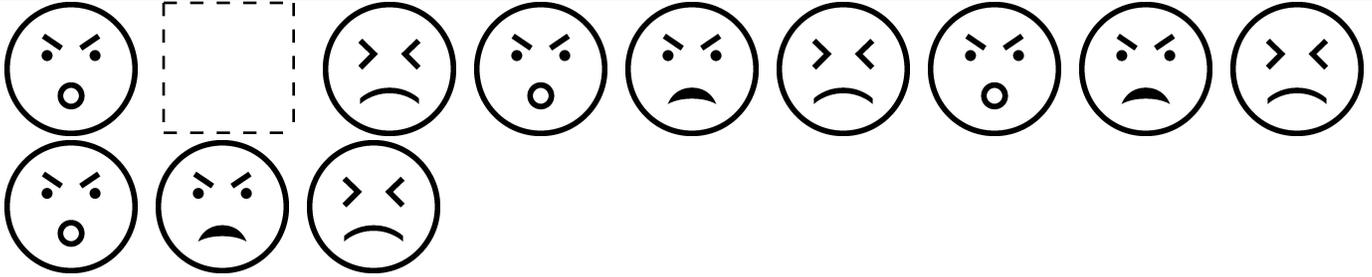
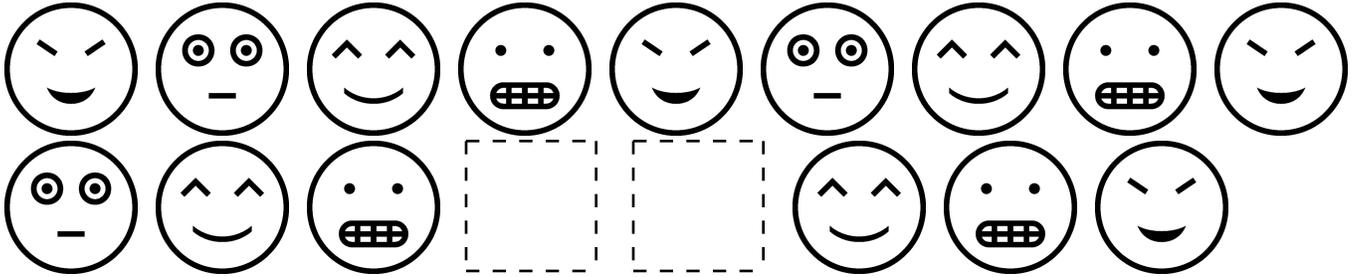
You ask Megan for the time. She says it is four minutes past eight. Write the time on your digital clock:

:

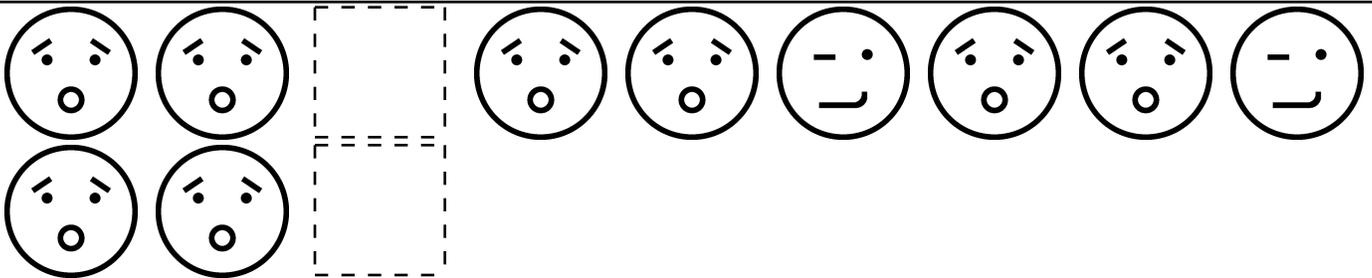
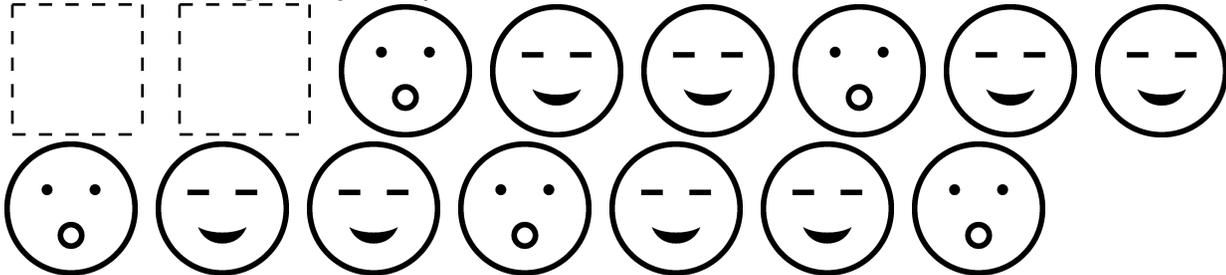
$3 \overline{)18}$	$6 \overline{)54}$
--------------------	--------------------

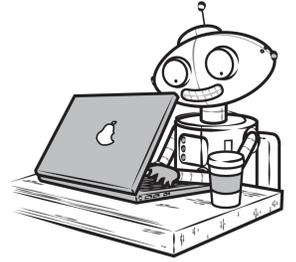
8 + 1 = <input style="width: 40px; height: 25px;" type="text"/>	12 - 4 = <input style="width: 40px; height: 25px;" type="text"/>	2 - 1 = <input style="width: 40px; height: 25px;" type="text"/>	3 + 1 = <input style="width: 40px; height: 25px;" type="text"/>
-----------------------------------------------------------------	------------------------------------------------------------------	-----------------------------------------------------------------	-----------------------------------------------------------------

Draw the missing emojis. Explain the rule.



Draw the missing emojis. Explain the rule.





Dr. Programmer loves to type on his computer. But his darn monitor is sometimes broken. Fill in what the computer should print.

Miss Meena typed:

```
tens = 4
ones = 7
print ("My number is ",tens,ones)
```

The computer replied:

My number is 47

```
tens = 5
ones = 6
print ("My number is ",tens,ones)
```

```
tens = 6
ones = 4
print ("My number is ",tens,ones)
```

```
tens = 8
ones = 4
print ("My number is ",tens,ones)
```

```
ones = 5
tens = 8
hundreds = 7
print ("My number is ",hundreds,tens,ones)
```

```
ones = 4
tens = 6
hundreds = 5
print ("My number is ",hundreds,tens,ones)
```

ones = 3
 tens = 7
 hundreds = 8
 print ("My number is ",hundreds,tens,ones)

tens = 8
 print (tens," tens is ",tens,'0')

8 tens is 80

tens = 7
 print (tens," tens is ",tens,'0')

tens = 6
 print (tens," tens is ",tens,'0')

tens = 53
 print (tens," tens is ",tens,'0')

53 tens is 530

tens = 83
 print (tens," tens is ",tens,'0')

- mail
- maill
- mai
- mial

Fill in the blanks with these numbers:
9, 4, 1

$$\begin{array}{r}
 4 \quad \square \quad 4 \\
 - 1 \quad \square \quad 5 \\
 \hline
 3 \quad 2 \quad \square
 \end{array}$$

Fill in the blanks with these numbers:
8, 8, 9

$$\begin{array}{r}
 2 \quad \square \quad 1 \\
 + 6 \quad 9 \quad 9 \\
 \hline
 \square \quad \square \quad 0
 \end{array}$$

Divide each word between the prefix and the base word.

untouched unbalanced

Add one hundred to 5,213.

20	+68		-73	
				+16
-25		+1		+64

	+52		
+7		-38	
-32		+8	
+4		-33	24

53	+4		-2		-7		
	+50		-5		-9		
-3							
81	-11	70	-43		+49	76	-47

-17		+29
+34		+6
29		81

13 + <input type="text"/> = 21	4 + <input type="text"/> = 22	7 + <input type="text"/> = 10	10 + <input type="text"/> = 12
--------------------------------	-------------------------------	-------------------------------	--------------------------------

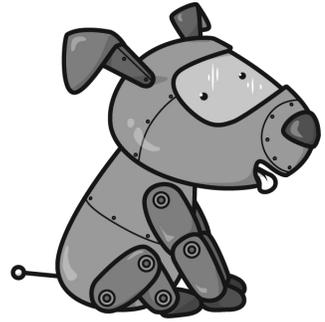
Directions:

Use the rule that
1 human year = 7 dog years
to fill in the blanks.



How many times
do you need to spin?

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

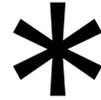


Spin fidget spinner. Quick! Do as many as you can before it stops.

Human Years: <u>10</u> Dog's Age: <u>70</u>	Human Years: <u>11</u> Dog's Age: _____	Human Years: <u>6</u> Dog's Age: _____	Human Years: <u>3</u> Dog's Age: _____
Human Years: <u>7</u> Dog's Age: _____	Human Years: <u>9</u> Dog's Age: _____	Human Years: <u>2</u> Dog's Age: _____	Human Years: <u>11</u> Dog's Age: _____
Human Years: <u>5</u> Dog's Age: _____	Human Years: <u>1</u> Dog's Age: _____	Human Years: <u>8</u> Dog's Age: _____	Human Years: <u>2</u> Dog's Age: _____
Human Years: _____ Dog's Age: <u>28</u>	Human Years: _____ Dog's Age: <u>42</u>	Human Years: <u>12</u> Dog's Age: _____	Human Years: <u>2</u> Dog's Age: _____
Human Years: _____ Dog's Age: <u>42</u>	Human Years: <u>11</u> Dog's Age: _____	Human Years: _____ Dog's Age: <u>21</u>	Human Years: <u>12</u> Dog's Age: _____

Dr. Programmer knows how to program with his computer. He uses the STAR key, which is *. On a computer you have to press Shift and 8 at the same time to type that. How confusing!

5 times 2 is written 5 * 2 on his computer.



Miss Meena typed:

The computer replied:

print (6 * 9)

5 4

print (3 * 12)

print (2 + 9)

print (7 * 2)

print (26 + 29)

print (80 - 65)

print (9 * 6)

$\begin{array}{r} 22 \\ + 95 \\ \hline \end{array}$	<p style="text-align: center;">Fill in the blanks with these numbers: 2, 3, 4</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td style="width: 15%; text-align: center;"><input style="width: 40px; height: 25px;" type="text"/></td> <td style="width: 15%; text-align: center;">8</td> <td style="width: 15%; text-align: center;">0</td> <td style="width: 15%;"></td> </tr> <tr> <td style="text-align: center;">-</td> <td style="text-align: center;">1</td> <td style="text-align: center;">4</td> <td style="text-align: center;">6</td> <td></td> </tr> <tr> <td colspan="5" style="border-top: 1px solid black;"></td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;"><input style="width: 40px; height: 25px;" type="text"/></td> <td style="text-align: center;"><input style="width: 40px; height: 25px;" type="text"/></td> <td></td> <td></td> </tr> </table>		<input style="width: 40px; height: 25px;" type="text"/>	8	0		-	1	4	6							1	<input style="width: 40px; height: 25px;" type="text"/>	<input style="width: 40px; height: 25px;" type="text"/>			<p style="text-align: center;">Fill in the blanks with these numbers: 0, 2, 6</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td style="width: 15%; text-align: center;">1</td> <td style="width: 15%; text-align: center;">6</td> <td style="width: 15%; text-align: center;">6</td> <td style="width: 15%;"></td> </tr> <tr> <td style="text-align: center;">+</td> <td style="text-align: center;"><input style="width: 40px; height: 25px;" type="text"/></td> <td style="text-align: center;"><input style="width: 40px; height: 25px;" type="text"/></td> <td style="text-align: center;">6</td> <td></td> </tr> <tr> <td colspan="5" style="border-top: 1px solid black;"></td> </tr> <tr> <td style="text-align: center;">7</td> <td style="text-align: center;">7</td> <td style="text-align: center;"><input style="width: 40px; height: 25px;" type="text"/></td> <td></td> <td></td> </tr> </table>		1	6	6		+	<input style="width: 40px; height: 25px;" type="text"/>	<input style="width: 40px; height: 25px;" type="text"/>	6							7	7	<input style="width: 40px; height: 25px;" type="text"/>		
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-	1	4	6																																							
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	1	6	6																																							
+	<input style="width: 40px; height: 25px;" type="text"/>	<input style="width: 40px; height: 25px;" type="text"/>	6																																							
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<input type="radio"/> laeder <input type="radio"/> leader <input type="radio"/> leadur <input type="radio"/> leador	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Fill in the blanks with these numbers: 4, 2, 7</p> <table style="margin: auto;"> <tr> <td></td> <td>2</td> <td>1</td> <td><input style="width: 30px; height: 20px;" type="text"/></td> </tr> <tr> <td style="text-align: right;">+</td> <td><input style="width: 30px; height: 20px;" type="text"/></td> <td>2</td> <td>7</td> </tr> <tr> <td colspan="4" style="border-top: 1px solid black; padding-top: 5px;"> <table style="width: 100%; text-align: center;"> <tr> <td style="width: 25%;">4</td> <td style="width: 25%;"><input style="width: 30px; height: 20px;" type="text"/></td> <td style="width: 25%;">4</td> <td style="width: 25%;"></td> </tr> </table> </td> </tr> </table> </div> <div style="text-align: center;"> <p>Fill in the blanks with these numbers: 2, 1, 3</p> <table style="margin: auto;"> <tr> <td><input style="width: 30px; height: 20px;" type="text"/></td> <td>9</td> <td>1</td> </tr> <tr> <td style="text-align: right;">-</td> <td><input style="width: 30px; height: 20px;" type="text"/></td> <td>2</td> <td>8</td> </tr> <tr> <td colspan="4" style="border-top: 1px solid black; padding-top: 5px;"> <table style="width: 100%; text-align: center;"> <tr> <td style="width: 25%;">1</td> <td style="width: 25%;">6</td> <td style="width: 25%;"><input style="width: 30px; height: 20px;" type="text"/></td> <td style="width: 25%;"></td> </tr> </table> </td> </tr> </table> </div> </div>		2	1	<input style="width: 30px; height: 20px;" type="text"/>	+	<input style="width: 30px; height: 20px;" type="text"/>	2	7	<table style="width: 100%; text-align: center;"> <tr> <td style="width: 25%;">4</td> <td style="width: 25%;"><input style="width: 30px; height: 20px;" type="text"/></td> <td style="width: 25%;">4</td> <td style="width: 25%;"></td> </tr> </table>				4	<input style="width: 30px; height: 20px;" type="text"/>	4		<input style="width: 30px; height: 20px;" type="text"/>	9	1	-	<input style="width: 30px; height: 20px;" type="text"/>	2	8	<table style="width: 100%; text-align: center;"> <tr> <td style="width: 25%;">1</td> <td style="width: 25%;">6</td> <td style="width: 25%;"><input style="width: 30px; height: 20px;" type="text"/></td> <td style="width: 25%;"></td> </tr> </table>				1	6	<input style="width: 30px; height: 20px;" type="text"/>	
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-	<input style="width: 30px; height: 20px;" type="text"/>	2	8																													
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1	6	<input style="width: 30px; height: 20px;" type="text"/>																														

Write a word problem for $3 \times 4 = 12$.

Jemima Puddle-Duck had 54¢. She bought a bag of corn for 20¢. How much money did she have left?

Winning Games

Team									
Grizzlies									
Wildcats									
Bears									
	1	2	3	4	5	6	7	8	

Number of Games Won

Which team won the most games?

Which team won fewer games, the Bears or the Wildcats?

Write + or - in the circles.

13 9 24 = 3 19 6

2 8 4 = 11 7 12

Circle the possessive pronoun in the sentence.

We spent our day shopping with Aunt Tooty.

4 + <input style="width: 30px; height: 20px;" type="text"/> = 12	12 + <input style="width: 30px; height: 20px;" type="text"/> = 26	10 + <input style="width: 30px; height: 20px;" type="text"/> = 34	16 + <input style="width: 30px; height: 20px;" type="text"/> = 32
------------------------------------------------------------------	-------------------------------------------------------------------	-------------------------------------------------------------------	-------------------------------------------------------------------

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: -8, -7, or -3. The other three numbers have to all be DIFFERENT and can be from these numbers: 10, 4, 11, 7, 18, 3, or 16.

	7		16		11	
4	26	-3	27	10 even	31	-8
	18		4		18	
3	24		6		26	-3
			3			
	greater than 7				either 16 or 4	
4	22		22		20	
		even		even		
		odd	either -7 or -8		greater than -8	
	23		28		22	
	greater than 4		even			
		greater than 7	either 10 or 11		either 7 or 10	
	28		27			
less than 16		odd				either -8 or -7
		greater than 3	even			

Phone App: Missed or Score

Dr. Programmer is working on a new app.

It's a basketball game.

Write what the phone should say.



Dr. Programmer Codes This:

```
def Missed():
    print ( "Missed" )

def Scored():
    print ( "Score!" )
```

Missed()
Scored()
Scored()

Scored()
Missed()
Scored()
Missed()

Missed()
Missed()
Scored()

Phone App Says This:

Missed
Score!
Score!

$$87 - 84 = \underline{\hspace{2cm}}$$

Circle the best estimate for the answer to:
 $123 + 31$

- 200 190 230 150

$9 \times 9 = \square$	$10 - 2 = \square$	$12 - 6 = \square$	$5 - 1 = \square$
------------------------	--------------------	--------------------	-------------------



Now Dr. Programmer wants to count the points.

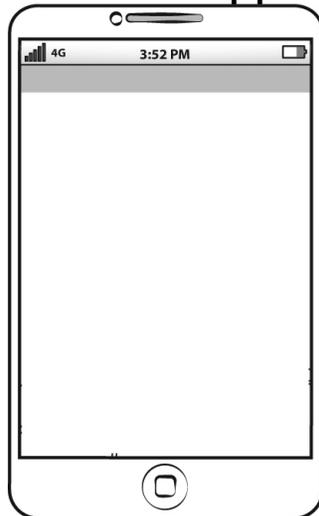
```
def Missed():  
    Total Points = Total Points + 0  
  
def Scored():  
    Total Points = Total Points + 2  
  
Total Points = 0  
Missed()  
Scored()  
Scored()  
print ("Total: ", Total Points)
```

Total: 4

```
Total Points = 0  
Scored()  
print ("Total: ", Total Points)
```

```
Total Points = 0  
Scored()  
Scored()  
Missed()  
print ("Total: ", Total Points)
```

Draw the "Game Over" screen for the app.





How many times
do you need to spin?

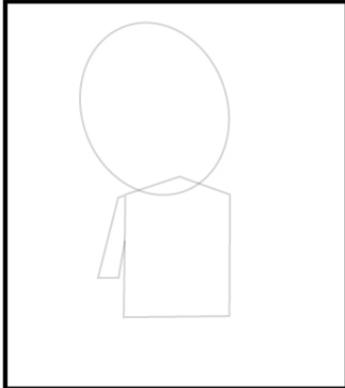
I needed to spin _____
time(s) to finish the page.

Spin fidget spinner. Quick! Do as many as you can before it stops.

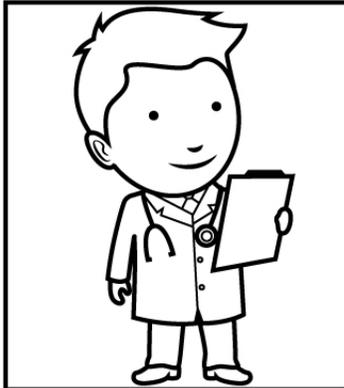
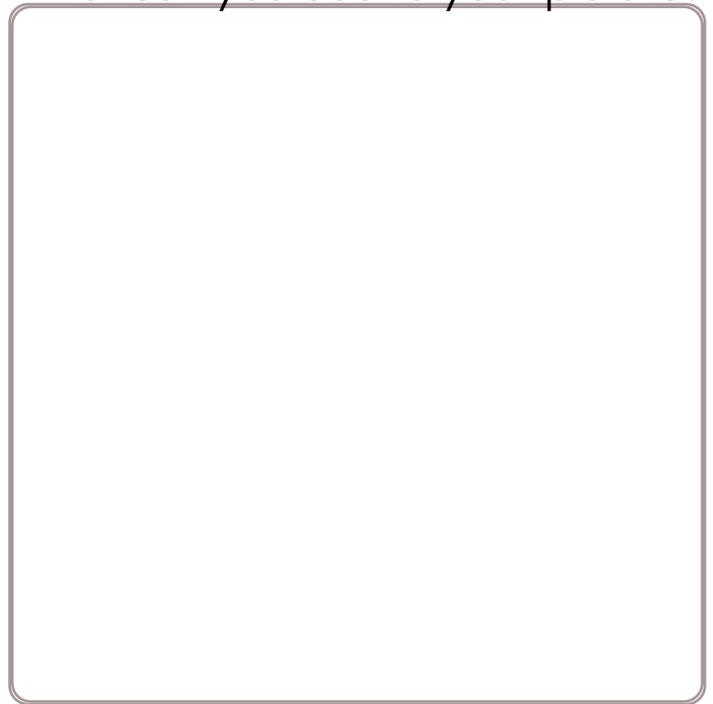
$\begin{array}{r} 7 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r}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

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

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



Draw it.
What can you add to your picture?

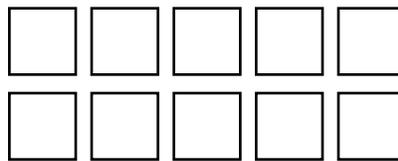


I added _____

$$41 + 4 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} 71 \\ + 65 \\ \hline \end{array}$$

Color in $\frac{1}{5}$.



$$5 + \boxed{} = 9$$

Write a word problem for
 $4 \times 4 = 16$.

Round to the nearest ten.

28,779 is rounded to _____

16,244 is rounded to _____

68,972 is rounded to _____

$$6 + \boxed{} = 10$$

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

$$4 + \boxed{} = 6$$

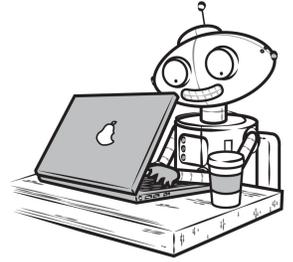
$$8 + \boxed{} = 11$$

Julie and her three best friends all went out to dinner at Charlie's Cookery. Julie's mom drove them and sat at a different table. The girls had a great time and had great food. They laughed about their day, planned a sleepover party for the next weekend, and talked about their favorite TV shows. They shared chips and salsa, each got their own hamburger, and then split a dessert. The chips and salsa cost \$4.00. Each burger was \$10.00. The chocolate molten cake they devoured for dessert was \$6.00. When the bill came, the girls split it equally. How much did each girl have to pay?

Show your work.

Morning News

Dr. Programmer loves to type on his computer. But his darn monitor is sometimes broken. Fill in what the computer should print.



Dr. Programmer Codes This:

```
print ("Hello everyone.")
```

Phone App Says This:

```
H e l l o
e v e r y o n e .
```

```
print ("Today we have BIG news.")
```

```
T _ _ _ a _ _ _ _ a _ _ _
_ _ _ _ _ .
```



It is Spii Guy.
He is trying to break Dr. Programmer's code!

```
print ("Spii Guy does not like news!")
```

```
_____
_____
_____
```

```
print ("Spii Guy!
I thought you were in jail.")
```

```
_____
_____
_____
_____
```

↑
 Fixed Missing Word

_____ ("Put back my print command!")

↑
 Fixed Missing Word

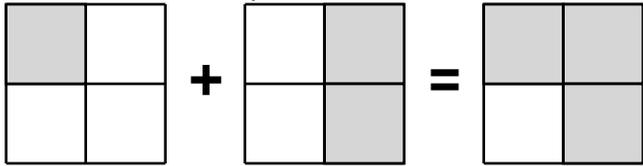
P _____
 _____ p r _____
 c _____ d !

_____ ("I am trying to have morning meeting!")

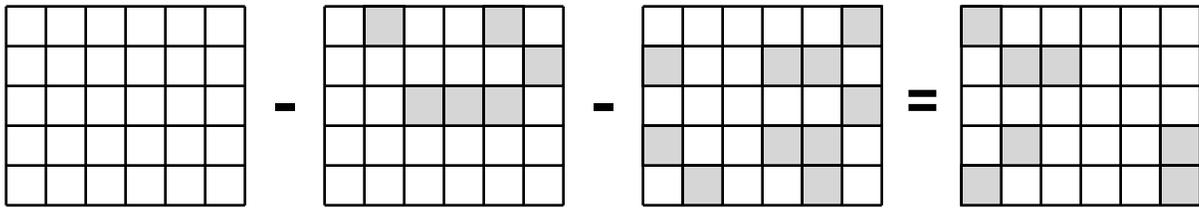
↑
 Fixed Missing Word

_____ _____
 _____ y _____
 _____ h _____
 _____ _____
 _____ !

Here is an example of shade box addition:



Color the correct squares.



_____ - 6 - 10 = 7



5 - 3 =

10 - 1 =

17 - 8 =

4 - 3 =

7 + 6 =

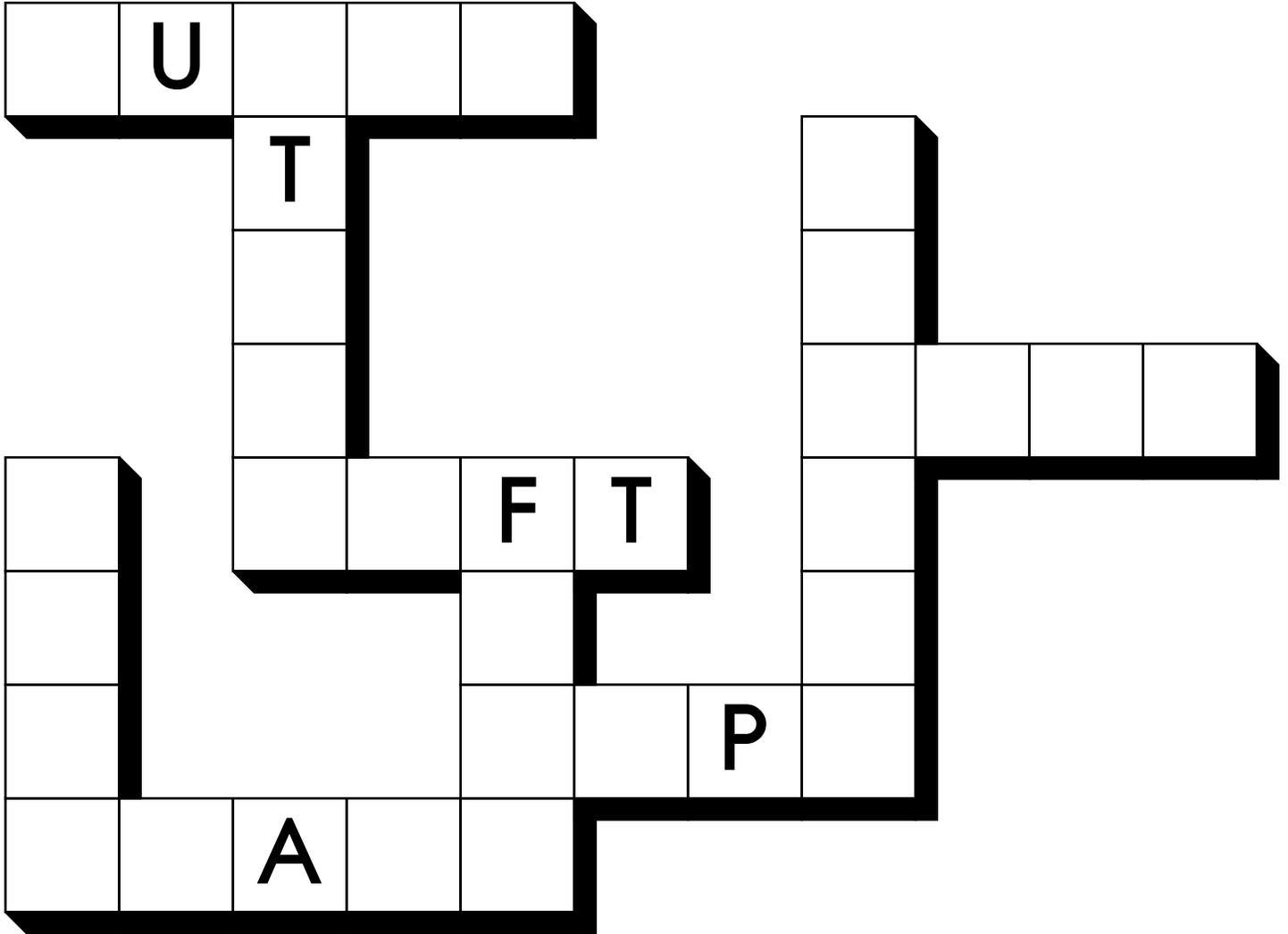
3 + 7 =

5 x 9 =

6 x 5 =

RIPE • TINY • GOES • SPACE • STEAL • LEFT • FIRE • MUSIC
NOTICE

Write each word into the puzzle.



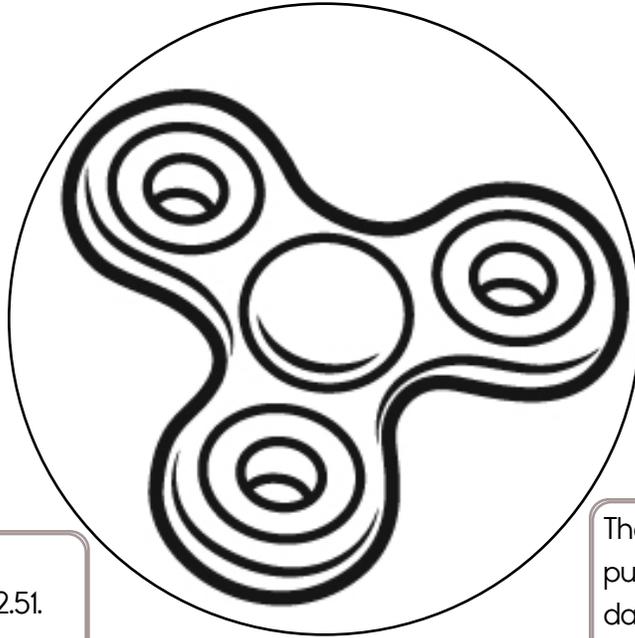
Write the numeral for six hundred eighty-three.

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

Find the verb in the sentence and write it on the line.

I skidded to a stop on my bicycle just in time!

Use a scrap piece of paper.



How many times
do you need to spin?

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

Robert bought a white rat to keep as a pet. The rat cost \$2.51. Robert gave the clerk \$10. How much change did he get?

Rosa is making cat toys for the PAWS Shelter. It takes her 8 minutes to make one toy. How long will it take her to make 15 toys?

Mr. Robinson notarized 4 deeds today. If he notarized the same number every day, how many deeds will he notarize in 7 days?

Holly bought a polar bear book for her best friend. The book cost \$5.39. She gave the storekeeper \$10. How much change did she get?

Jemima Puddle-Duck had 52¢. She bought a bag of corn for 25¢. How much money did she have left?

Sara bought a joke book. It cost \$11.32. She gave the clerk one \$10 bill and two \$1 bills. How much change did she get?

Mrs. Dunne used 32 pieces of pepperoni on her pizza. Mr. Toms used 28 pieces. How many more pieces did Mrs. Dunne use than Mr. Toms?

"Jokes and More" is Jason's favorite TV show. It will be on at 3:30 p.m. It is 1:21 p.m. now. How long is it until "Jokes and More" starts?

The fire started at 11:43 a.m. It was put out by 1:01 p.m. on the same day. How long did the fire last?

Sara used two hundred seven safety pins to make a chain three feet long. How many safety pins would she need to make a chain four feet long?

Famous Fried Chicken serves 49,109 biscuits each day. What is the greatest possible 5-digit even number that can be made using the digits 4, 9, 1, 0, and 9?

Tim broke his toy truck. He needs 81 cents to buy new wheels for it. He has four dimes and two nickels. How much more money does he need?

Spin the fidget spinner again until you finish THIS page. I needed to spin _____ time(s) to finish.

Max bought three bags of tortilla chips. Each bag had 99 chips in it. How many chips were there in all?

Anna has 6 quarters, 3 dimes, and 5 nickels. She spent 96 cents on a game. How much money does she have left?

Sara set a goal. She would spend 40 minutes on her homework every day. She started working at 3:32 p.m. What time did she finish?

Jack is a magician. He can do 13 card tricks. He can do 24 other tricks. How many magic tricks can he do in all?

Jason has a book of poetry. He has read to page 104 in his book. There are 55 more pages in the book. How many pages are there in all?

There were 229 people at the Hug Day picnic. Each person ate three hot dogs. How many hot dogs were eaten in all? Solve by addition.

Peter got up early. It was only 6:21 a.m. He cooked breakfast for his mother and father. It took him 31 minutes to cook breakfast. What time was it ready?

Mary has a \$5 bill, 2 quarters, and 4 dimes. She paid \$4.94 for her breakfast. How much money does she have left?

There were 47 cups of yogurt on the shelf. Miss Jackson bought 21 cups. How many cups were left?

Adam bought a tiny turtle for \$1.25 and turtle food for \$0.45. He gave the clerk \$2. How much change did he get?

There are 1,964 people in our town. There are only 1,700 people who live in Starke, a town 5 miles from our town. How many people live in the two towns?

Sarah bought thirteen red roses for her mother. The roses cost \$16.60. She gave the storekeeper \$20. How much change did she get?

Mr. Rodriguez helped about 24 people per day register to vote. About how many people did he help register in 13 days?

Hunter's grandmother lives 310 miles away. Peter's grandmother lives 168 miles away. How much farther away is Hunter's grandmother?

Jason put 7 pieces of green pepper on each slice of pizza. There are 15 slices of pizza. How many pieces of pepper did he use?

Mr. Clark put 12 pairs of Levis on each rack. How many pairs of jeans did he put on six racks?

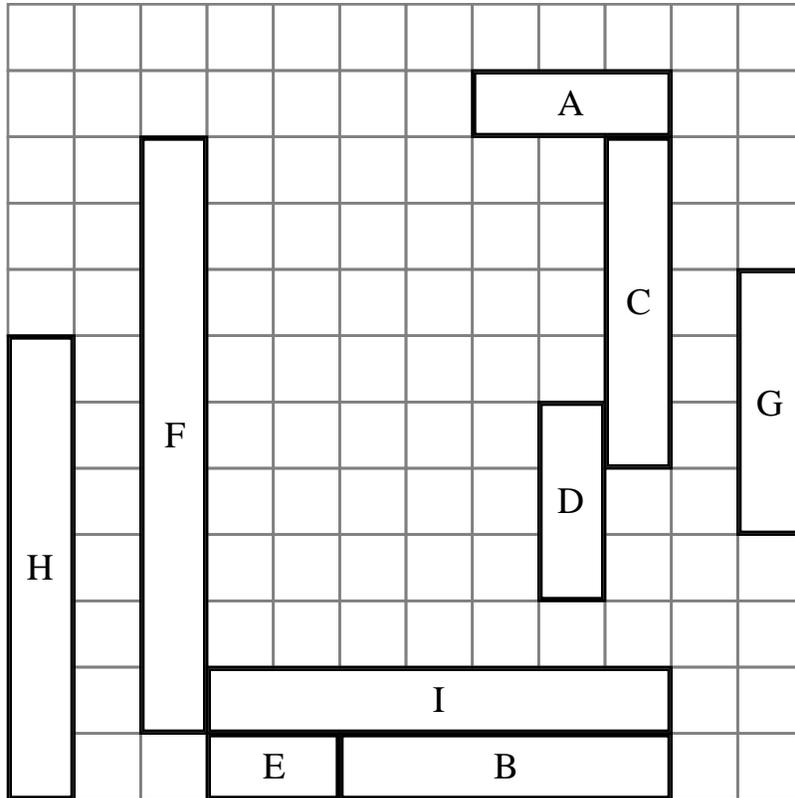
$68\frac{3}{5}$	$+\frac{2}{5}$	
		$+\frac{1}{5}$
		$+9\frac{3}{5}$
	$+3$	
$+29$		
	-13	$+\frac{4}{5}$

	$+4$		-14
$-\frac{3}{5}$			
			-38
$+45$		-43	
90			
$-8\frac{3}{5}$		$+6$	
		$+\frac{1}{5}$	$49\frac{3}{5}$

Expand the number.			
$861 = \underline{\quad\quad} + \underline{60} + \underline{\quad\quad}$	$\begin{array}{r} 46 \\ + 12 \\ \hline \end{array}$	$\begin{array}{r} 42 \\ + 40 \\ \hline \end{array}$	$\begin{array}{r} 21 \\ + 37 \\ \hline \end{array}$

<div style="background-color: #e67e22; color: white; padding: 5px; display: inline-block;">Count by 9s.</div>		<p>Jack put 5 pieces of green pepper on each slice of pizza. There are 8 slices of pizza. How many pieces of pepper did he use?</p>
$\underline{90}$ $\underline{\quad\quad}$ $\underline{\quad\quad}$ $\underline{\quad\quad}$ $\underline{\quad\quad}$ $\underline{135}$		
<p>Circle the possessive pronoun in the sentence.</p> <p>Jackson, your phone is ringing.</p>	$11 + \square = 17$ $6 + \square = 14$	

$4 + 7 = \square$	$10 - 3 = \square$	$1 + 1 = \square$	$5 + 8 = \square$
-------------------	--------------------	-------------------	-------------------



Rectangle H is same length as rectangle _____

Rectangle D is _____ units long.

Subtract _____ units from rectangle I to make it as long as rectangle E

Add _____ units to rectangle C to make it as long as rectangle F

Rectangle A is larger than rectangle _____

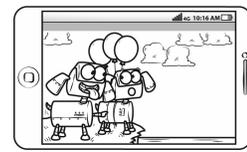
Rectangle C is _____ units long.

Rectangle _____ is 1 unit shorter than rectangle B

Rectangle _____ is 2 units longer than rectangle A

Rectangle _____ is same length as rectangle A

Rectangle _____ is the longest rectangle.



Robot dog is learning how to spell. Write each word and the balloon will pop.

Dr. Programmer Codes This:

```
Code1 = "TER"
Code2 = "IN"
Code3 = "CO"
Code4 = "W"
Code5 = "AT"
print ("Word is ",Code4, Code2, Code1)
```

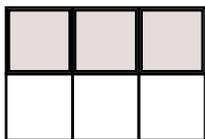
Phone App Says This:

W o r d i s
W I N T E R

```
C1 = "SA"
C2 = "IN"
C3 = "D"
C4 = "O"
C5 = "UR"
print ("Word is ",C3,C2,C4,C1,C5)
```

```
C1 = "AD"
C2 = "LI"
C3 = "RE"
C4 = "WE"
C5 = "AY"
print ("Word is ",C3,C1)
```

What fraction of the box is shaded?



2

$9 \overline{)72}$

$7 \overline{)42}$

What is the third month with 31 days?

Which is longer: three feet or thirty-eight inches?

$30 + 61 = \underline{\quad}$

$6 + 48 = \underline{\quad}$

$27 + 11 = \underline{\quad}$

$22 + 48 = \underline{\quad}$

$55 + 7 = \underline{\quad}$

$47 + 4 = \underline{\quad}$



$23 + 12 = \underline{\quad}$

$52 + 2 = \underline{\quad}$

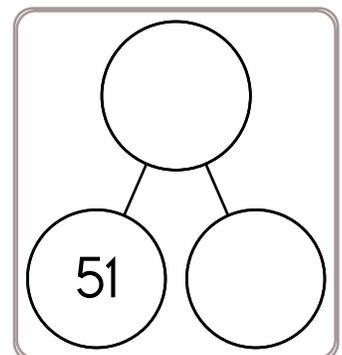
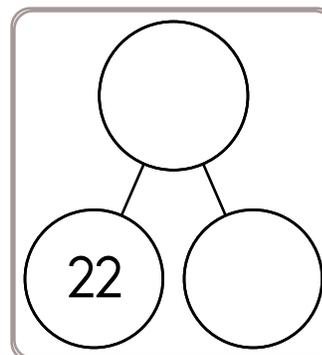
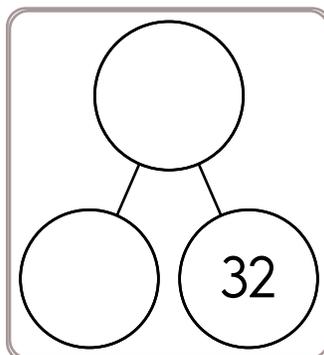
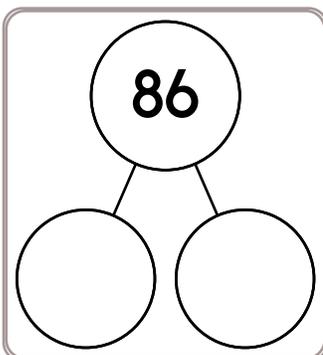
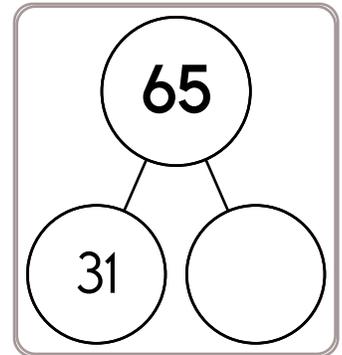
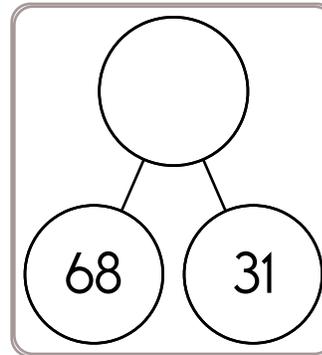
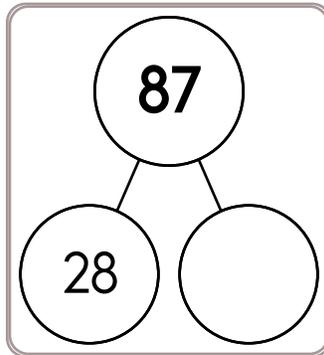
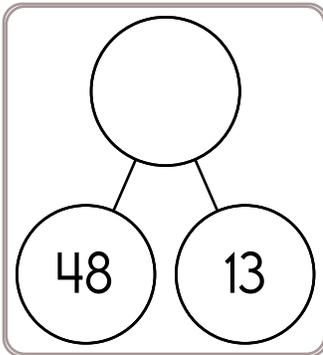
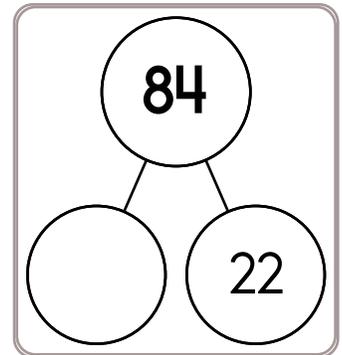
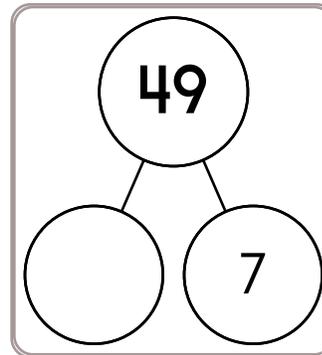
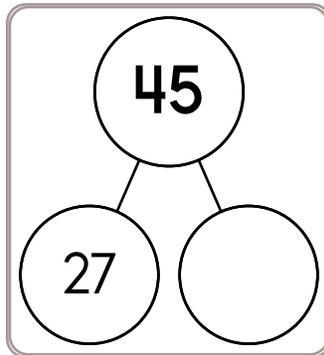
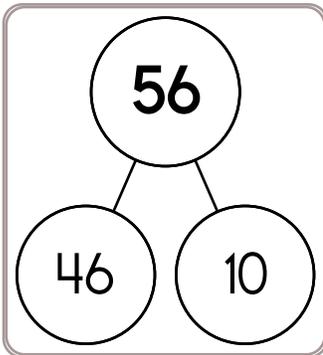
$37 + 22 = \underline{\quad}$

$42 + 57 = \underline{\quad}$

$34 + 1 = \underline{\quad}$

$9 + 45 = \underline{\quad}$

Spin fidget spinner. Quick! Add. Complete each number bond. Do as many as you can before it stops.



$48 + 44 = \underline{\quad}$

$14 + 14 = \underline{\quad}$

$61 + 5 = \underline{\quad}$

$33 + 15 = \underline{\quad}$

$1 + 61 = \underline{\quad}$

$16 + 28 = \underline{\quad}$



$24 + 69 = \underline{\quad}$

$67 + 25 = \underline{\quad}$

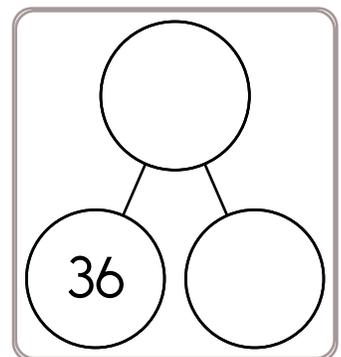
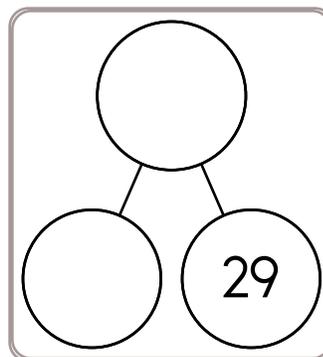
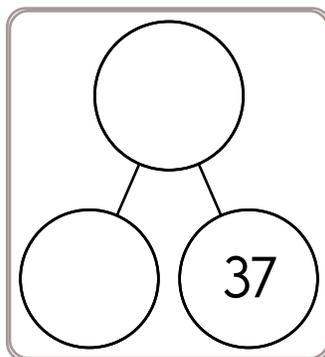
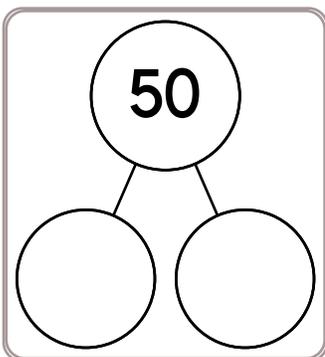
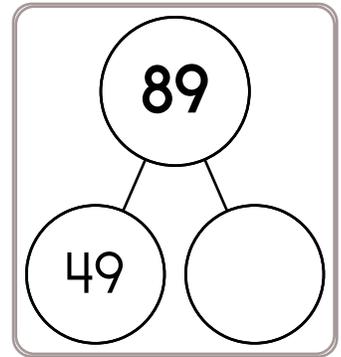
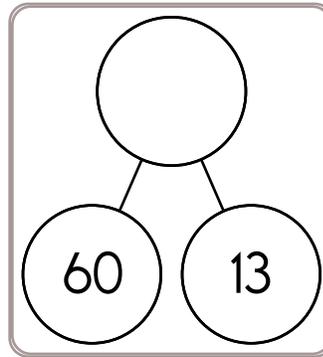
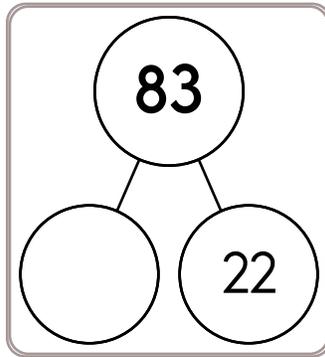
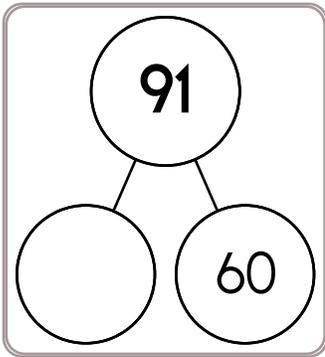
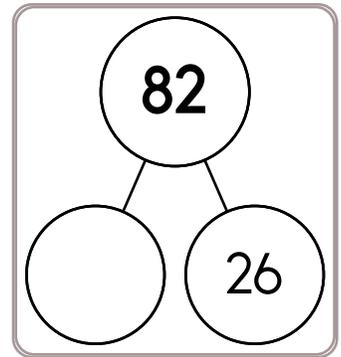
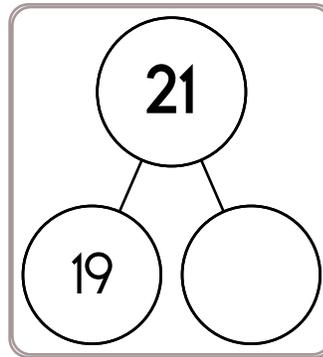
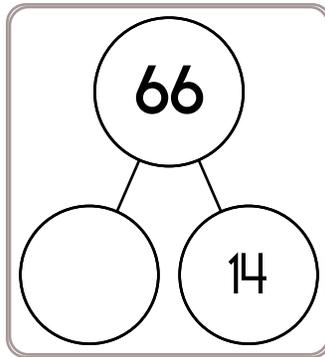
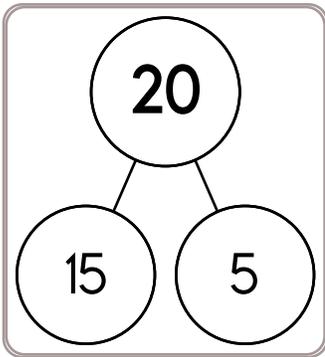
$4 + 17 = \underline{\quad}$

$17 + 24 = \underline{\quad}$

$31 + 23 = \underline{\quad}$

$15 + 20 = \underline{\quad}$

Spin fidget spinner. Quick! Add. Complete each number bond. Do as many as you can before it stops.



Guess the number in your head. Keep guessing until your numbers are correct.
Then write the correct answer!

$$\text{frowny} + \text{frowny} + \text{frowny} = 24$$

$$\text{neutral} + \text{frowny} = 30$$

$$\text{neutral} + \text{frowny} + 2 = 32$$

$$\text{neutral} - \text{frowny} = \underline{\hspace{2cm}}$$

$$\text{frowny} = \underline{\hspace{2cm}} \quad \text{neutral} = \underline{\hspace{2cm}}$$

9 after 12 _____

6 before 14 _____

3 before 15 _____

6 after 18 _____

8 before 16 _____

9 before 12 _____

1 after 14 _____

2 before 11 _____

4 before 17 _____

5 after 15 _____

7 before 19 _____

5 before 18 _____

4 after 16 _____

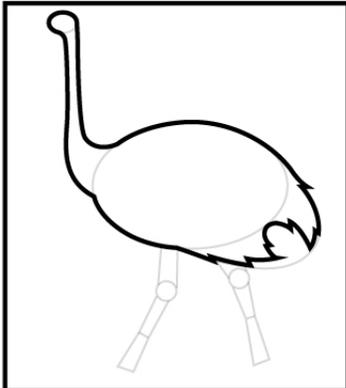
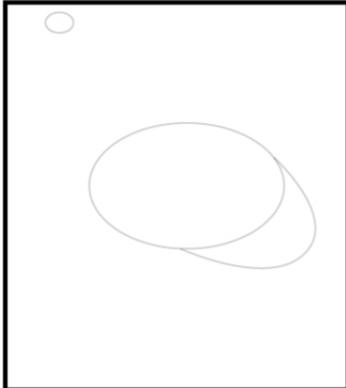
1 before 13 _____

9 before 11 _____

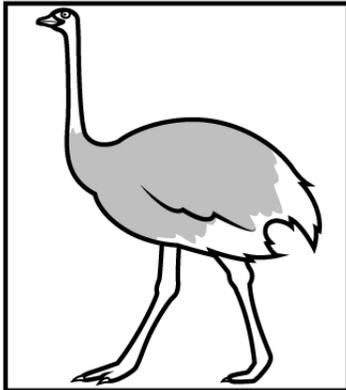
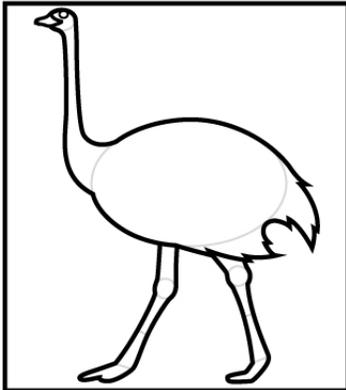
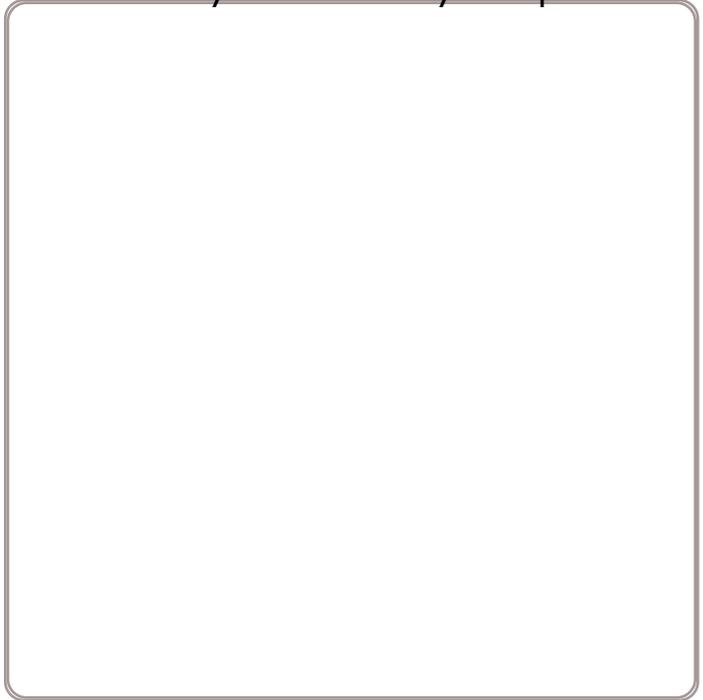
3 after 88 _____

2 before 48 _____

5 before 34 _____



Draw it.
What can you add to your picture?



I added _____

Fill in the blanks with these numbers:

8, 2, 1

$$\begin{array}{r} 9 \quad 8 \\ - \quad \square \quad 6 \\ \hline \square \quad \square \end{array}$$

Fill in the blanks with these numbers:

4, 4, 2

$$\begin{array}{r} 1 \quad \square \\ + \quad \square \quad \square \\ \hline 5 \quad 6 \end{array}$$

$$85 - 2 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} 81 \\ - 78 \\ \hline \end{array}$$

$$7 + \square = 20$$

$$15 + \square = 23$$

$$5 + \square = 11$$

$$73 + 1 = \underline{\hspace{2cm}}$$

Circle the abstract noun.
pleasure, candy, video game, movie

$$4 + \square = 6$$

Write an odd number with a seven in the hundreds place.

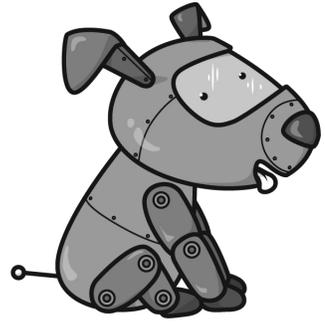
Directions:

Use the rule that
1 human year = 7 dog years
to fill in the blanks.



How many times
do you need to spin?

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



Spin fidget spinner. Quick! Do as many as you can before it stops.

Human Years: <u>4</u> Dog's Age: <u>28</u>	Human Years: <u>1</u> Dog's Age: _____	Human Years: <u>3</u> Dog's Age: _____	Human Years: <u>6</u> Dog's Age: _____
Human Years: <u>9</u> Dog's Age: _____	Human Years: <u>6</u> Dog's Age: _____	Human Years: <u>8</u> Dog's Age: _____	Human Years: <u>5</u> Dog's Age: _____
Human Years: <u>2</u> Dog's Age: _____	Human Years: <u>7</u> Dog's Age: _____	Human Years: <u>2</u> Dog's Age: _____	Human Years: <u>10</u> Dog's Age: _____
Human Years: _____ Dog's Age: <u>35</u>	Human Years: _____ Dog's Age: <u>84</u>	Human Years: _____ Dog's Age: <u>77</u>	Human Years: <u>8</u> Dog's Age: _____
Human Years: <u>11</u> Dog's Age: _____	Human Years: <u>3</u> Dog's Age: _____	Human Years: <u>7</u> Dog's Age: _____	Human Years: <u>8</u> Dog's Age: _____

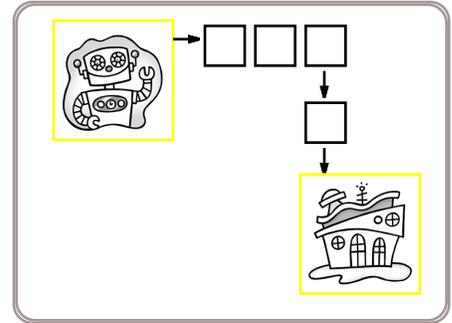
go_down (how many squares) The robot will go down this many squares.

go_right (how many squares) The robot will go right this many squares.

Secret map:

```
print robot()
go right ( 3 )
go down ( 1 )
print robot home()
```

Draw the map:

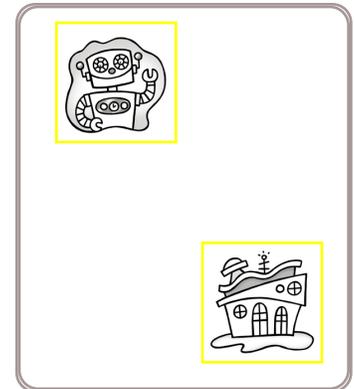


Robot moved 4 squares.

Secret map:

```
print robot()
go right ( 1 )
go down ( 2 )
print robot home()
```

Draw the map:

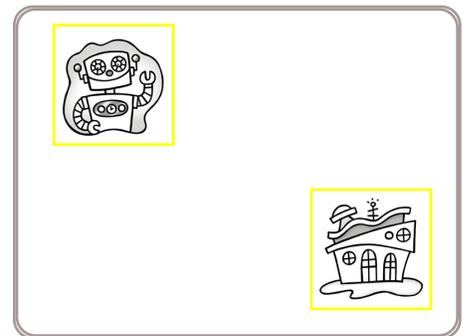


Robot moved _____ squares.

Secret map:

```
print robot()
go right ( 3 )
go down ( 1 )
print robot home()
```

Draw the map:



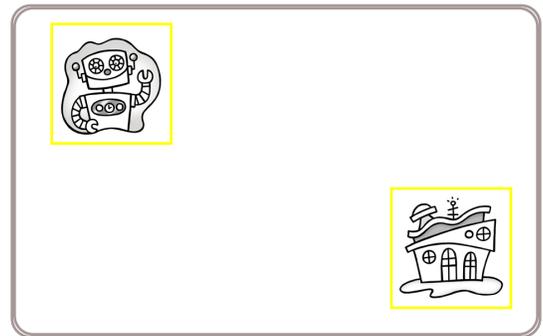
Robot moved _____ squares.

$5 + \square = 20$	$4 + \square = 6$	$6 + \square = 12$	$7 + \square = 14$
--------------------	-------------------	--------------------	--------------------

Secret map:

```
print robot()  
go right ( 2 )  
go right ( 2 )  
go down ( 1 )  
print robot home()
```

Draw the map:

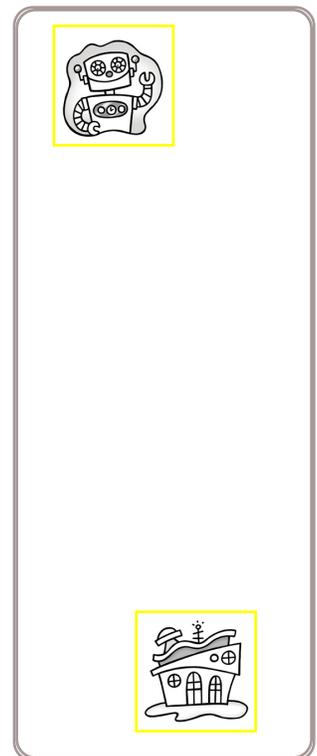


Robot moved ____ squares.

Secret map:

```
print robot()  
go down ( 2 )  
go down ( 1 )  
go right ( 1 )  
go down ( 2 )  
go down ( 1 )  
print robot home()
```

Draw the map:



Robot moved ____ squares.

Round to the nearest thousand.

27,693 is rounded to _____

7,828 is rounded to _____

96,995 is rounded to _____

Name _____



Date July _____

Letters Kissing

Each uppercase letter needs to kiss the same letter but in lowercase.

Draw a line that connects one letter to one other letter to kiss. Draw your lines over the trace lines. No lines may cross. Once you draw a line to a letter, that letter cannot be used again.

One complete line has already been drawn for you.

	v	S	s	R
P			r	
	V			J
p	w	j	G	
h				g
			H	W

