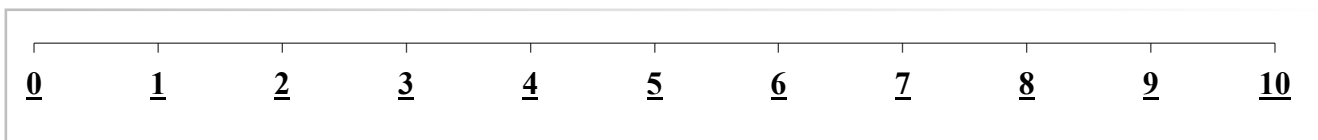


WARM-UP

1. Using a ruler draw a straight Number line (as a one shown below). Place numbers on the line from 0 to 15. Numbers standing on line should be in order. Make sure that an interval between consecutive numbers is the same.



2. Addition, Subtraction and Comparison using a number line:

$$13 + 2 =$$

$$12 + 3 =$$

$$6 + 7 =$$

$$12 - 8 =$$

$$9 - 5 =$$

$$11 - 0 =$$

$$6 \square 5$$

$$10 \square 1$$

$$8 \square 9$$

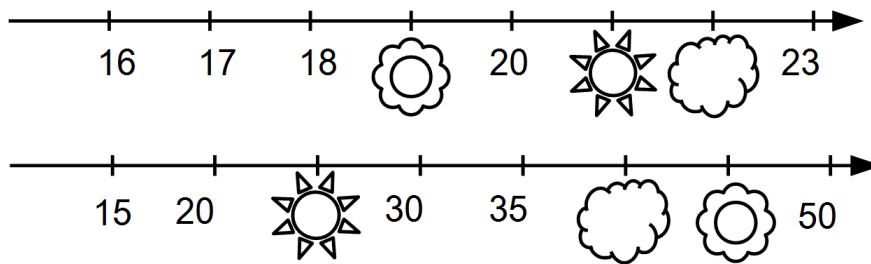
Numbers 1, 2, 3, 4, 5 and 6 are consecutive numbers

Numbers 2, 4, 6, 8, 10 and 12 are consecutive even numbers

3. List 5 consecutive odd numbers, starting from number 7

4

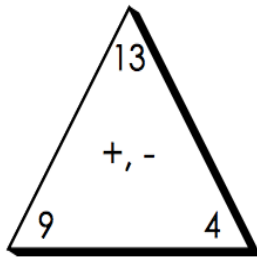
What numbers are hidden under the pictures?

**REVIEW**

Let us take numbers 3, 5 and 8. Using addition and subtraction, one can write: $3+5=8$, $5+3=8$, $8-5=3$ and $8-3=5$. We call these 3 numbers Number family.

5

Use Addition and Subtraction to write the Number family for each:

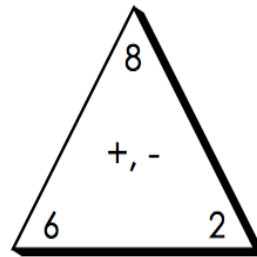
a.

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

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

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

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

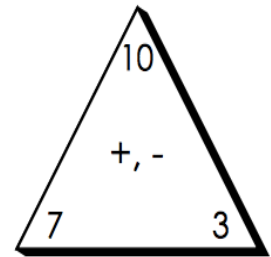
b.

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

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

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

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

c.

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

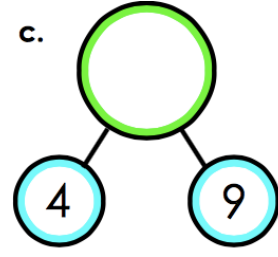
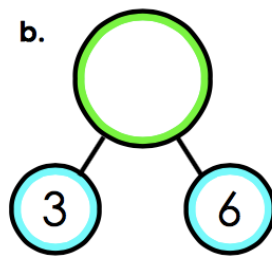
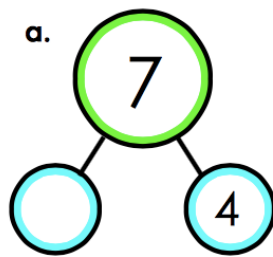
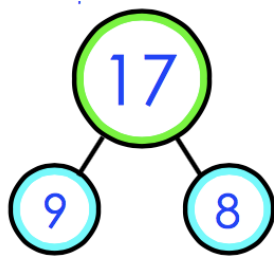
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

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

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

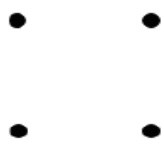

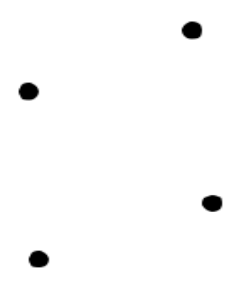


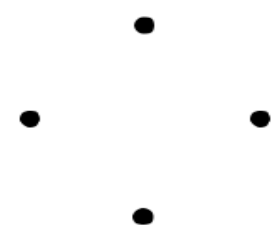
6.

Use addition or subtraction to fill in a missing number.



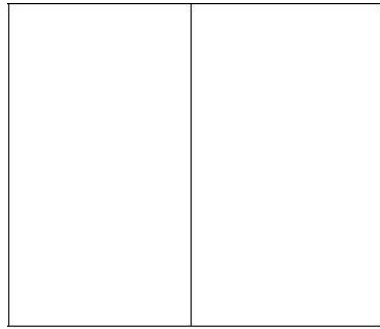
7.

Connect the points by straight lines. Lines can intersect only at the given points. Use a ruler.

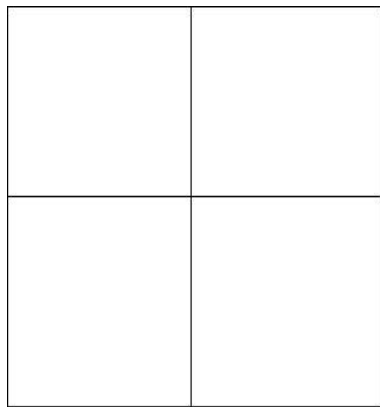
A) 	B) 	C) 
D) 	E) 	F) 

A piece of paper can be divided by lines into regions.

8.

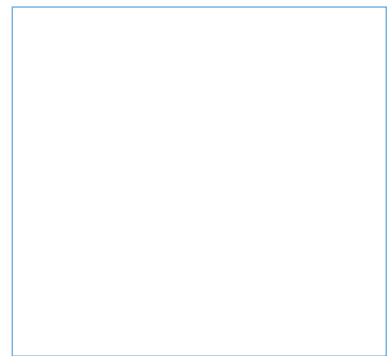
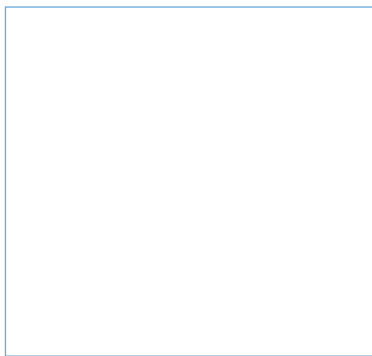
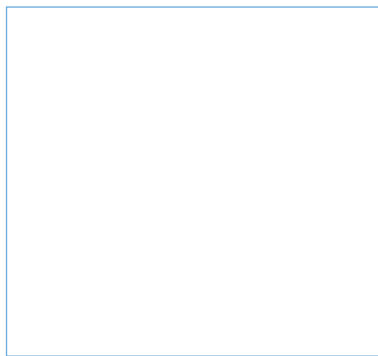


One line creates 2 regions



Two lines create 4 regions

How many regions 3 lines can create? Try to consider all cases. Draw pictures using a ruler.



Challenge yourself

9. Paul lives on the 7th floor of 15 - story building if you counting from the top. Which floor does he live on?

10. It takes two hours to cook two kilos of meat. How long will it take to cook one kilo of meat?

Math Gym

1. Continue patterns (write next 4 numbers):

11, 13, 15, 17, _____

5, 25, 35, _____

80, 75, 70 _____

2. Can you find a mistake? :

$$45 - 5 > 45 - 7$$

$$23 + 3 < 21 + 5$$

$$11 + a > 11 - a$$

$$19 - 11 < 19 - 9$$

$$b - 10 > b - 5$$

$$a + b > a - b$$

3. Solve the equations and check your answers:

$$X + 4 = 10$$

$$X + 11 = 20$$

$$X - 17 = 4$$

$$X = 10 - 4$$

$$X = \underline{\hspace{2cm}}$$

$$X = \underline{\hspace{2cm}}$$

$$X = 6$$

$$X = \underline{\hspace{2cm}}$$

$$X = \underline{\hspace{2cm}}$$

Checking:

Checking:

Checking:

$$6 + 4 = 10$$

$$\underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}}$$

4. Fill in the missing drawings: