

## Homework

- 1 In your notebook, solve the equations and write your solutions similarly to the example. Copy your answers here. Make drawings if needed.

$$x - 478 = 176$$

$$x =$$

$$921 - y = 785$$

$$y =$$

$$z - 156 = 380$$

$$z =$$

- 2 Compare:

$$a \square a + c$$

$$a + b \square b + a$$

$$38 - b \square 68 - b$$

$$b \square b - 5$$

$$k + 26 \square 62 + k$$

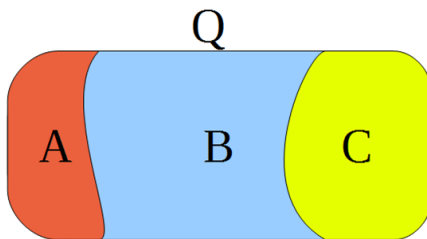
$$a - 0 \square a + 0$$

$$4 \square d - d$$

$$54 + n \square 54 - n$$

$$c - 19 \square c - 90$$

- 3 Analyze the total and its parts:



$$Q = A + B + C$$

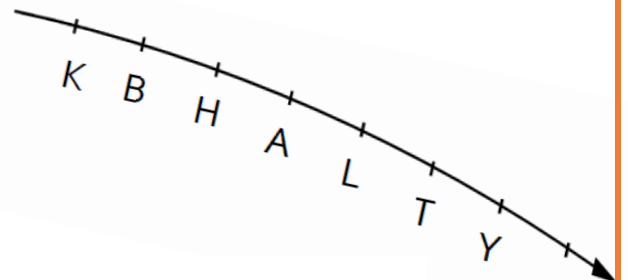
$$B = \frac{Q - A - \dots}{\dots}$$

$$A + B = \frac{Q - \dots}{\dots}$$

$$A + C = \frac{\dots}{\dots}$$

- 4 Before the winter the wild number line started fading away. Do you think you can still use it to compare the numbers?

We know that  $B - 1 = K$ .



$$K \square H$$

$$Y \square L + 1$$

$$B + 2 \square L - 1$$

$$H - 1 \square K + 2$$

$$A + 1 \square T + 1$$

$$Y - A \square 3$$

$$H - K \square 3$$

$$A - B \square 2$$

$$A - (B + 1) \square 2$$

5

Foxy Tail, Little Joe, and Jake the Mouse went to the library. Jake the Mouse borrowed 4 books. Little Joe borrowed 2 more books than Jake the Mouse. Foxy Tail borrowed 3 books less than Jake the Mouse.

Which questions may be answered by evaluating the following expressions?

a).  $4 - 3$  - How many books ... \_\_\_\_\_

b).  $4 + 2$  - \_\_\_\_\_

c).  $4 + (4 - 3)$  - \_\_\_\_\_

d).  $4 + (4 + 2)$  - \_\_\_\_\_

e).  $4 + (4 + 2) + (4 - 3)$  - \_\_\_\_\_

6

There are **3** books on a shelf. **One** book is added.  
How many books are on the shelf?

\_\_\_\_\_

There are **m** books on a shelf. **One** book is added.  
How many books are on the shelf?

\_\_\_\_\_

There are **k** books on a shelf. **n** books are added.  
How many books are on the shelf?

\_\_\_\_\_

There are **3** books on one shelf and **6** books on another.  
How many more books are on the second shelf than on the first?

\_\_\_\_\_

There are **c** books on the first shelf and **b** on the second.  
How many more books are on the second shelf than on the first?

\_\_\_\_\_

There are **3** books on one shelf and **6** books on another.  
How many books will remain on the shelves after **4** books are taken away?

\_\_\_\_\_

There are **a** books on one shelf and **b** books on another.  
How many books will remain on the shelves after **c** books are taken away?

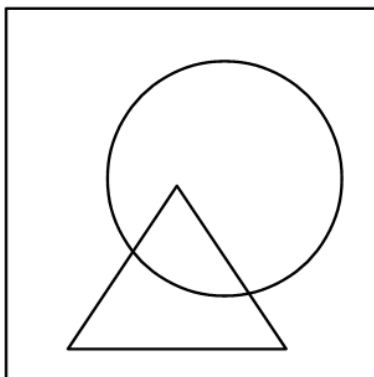
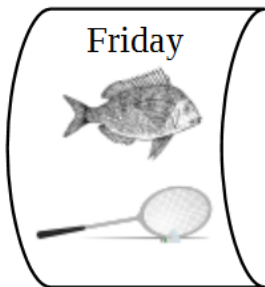
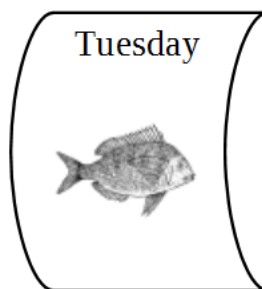
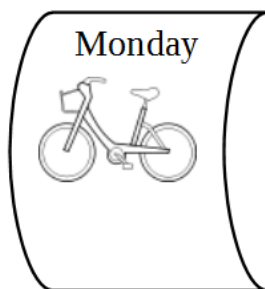
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7

Foxy Tail had a week-long vacation where he was playing badminton and soccer with other mice and biking and fishing by himself. Each day on the calendar is marked with his activity.

Look at the calendar and fill in the table with YES and NO.

Day	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Badminton AND fishing							
Badminton OR fishing							
Played with others							
Was by himself							

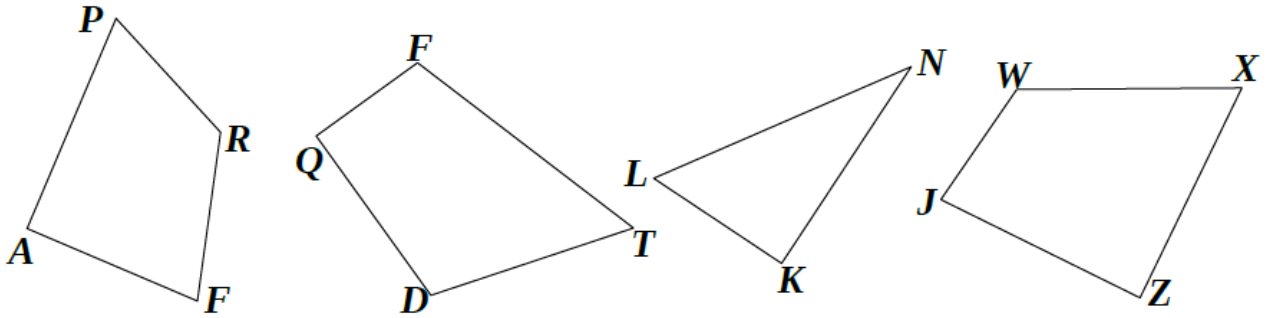


Place the weekdays on the drawing

<input type="checkbox"/>	Days
<input type="radio"/>	Badminton
<input type="triangle"/>	Fishing

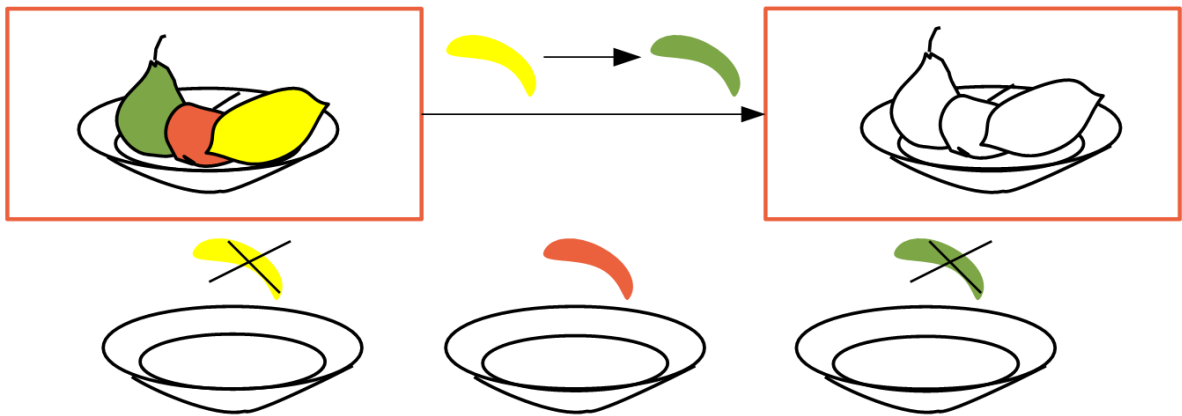
8

Find all of the right angles in the polygons below (use the right angle template). Draw the polygon with four sides whose angles are right angles.



9

Change the colors of the fruits according to the instructions. Then place the fruits into the plates.



10

“Program” the Black Box to perform another operation and ask somebody to figure out what operation the Black Box is performing.

