Homework

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

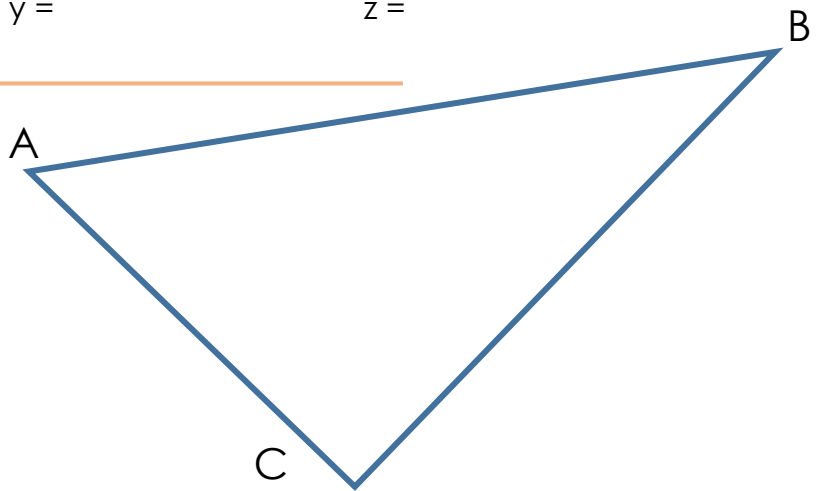$$x - 39 = 45 \qquad 96 - y = 19 \qquad z - 78 = 13$$

$$X = \qquad\qquad y = \qquad\qquad z =$$

2 Measure the sides of the triangle and find its perimeter:

|AB| = ____ cm

|BC| = ____ cm

|AC| = ____ cm

P = _____

A

B

C

3 Draw straight lines **ST** and **RQ** that intersects at point **E**. How many angles with the vertex at point **E** do you see on the picture? How many rays originating from **E** do you see? Name these rays and angles.
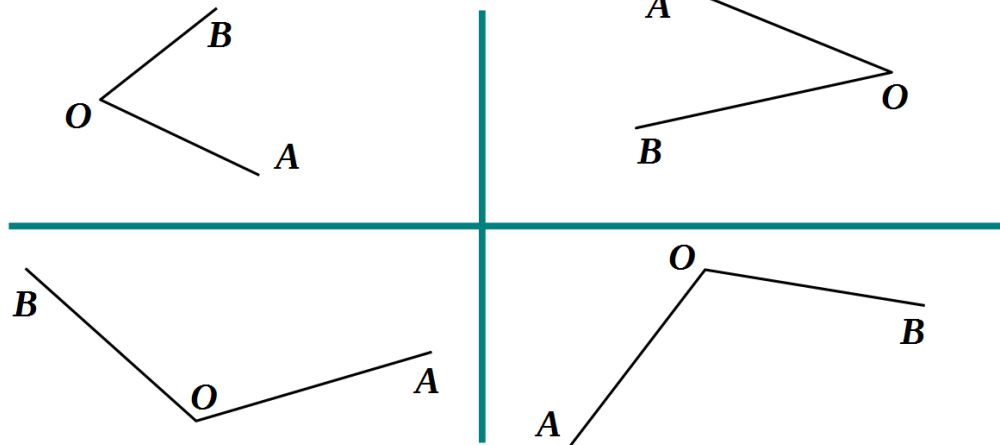
Rays:

_____
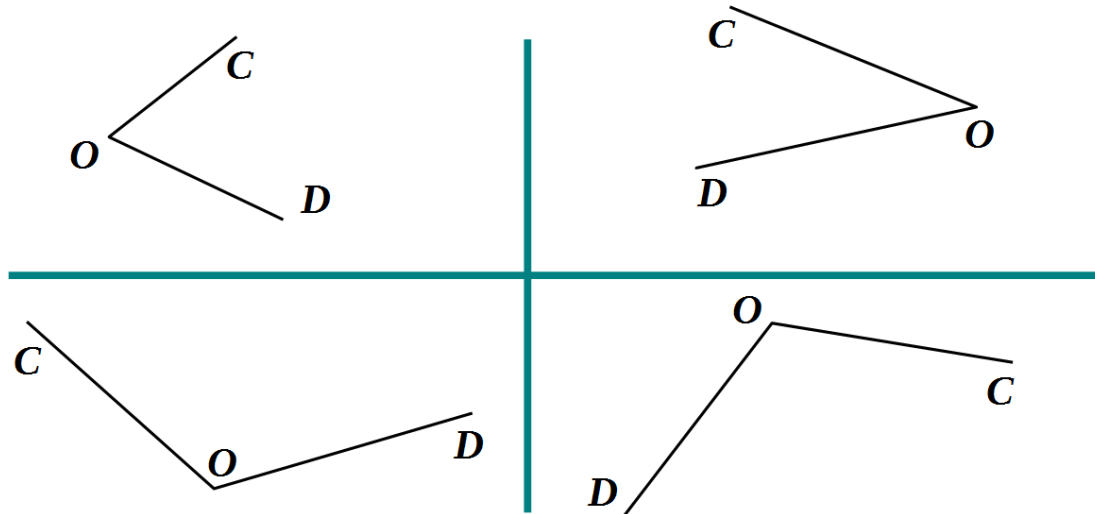
Angles:

_____

4 Insert the missing digits.

```
    5 ☐          7 ☐        ☐ ☐         4  9        9  5        ☐  7        8 ☐
 +  2  8      -   3  7     -  1  2    +  ☐☐☐    -  3  8     +  2  4      -  2  7
 _____   _____  _____ _____ _____  _____  _____
   ☐    4       ☐    5        4  3       8  2      ☐  ☐        9  ☐        ☐   4
```
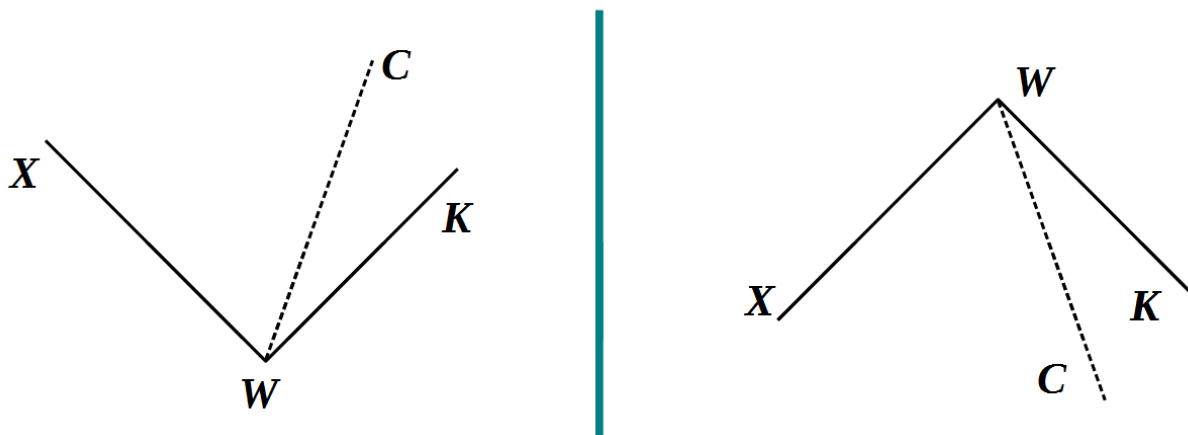
Use a ruler to plot ray **OK** so that ...

a) ... ray **OB** would be inside the ∠**AOK**:

b) ... it will be inside the ∠**COD**:

Make a right-angle template and use it to plot ray **WP** so that angle ∠**CWP** would be a right angle and ray [**WK**) would be inside angle ∠**CWP** . Color the right angle green.

6 Convert:

6 m = ____ dm   800 cm = ____ dm   9 m = ____ dm

70 dm = ____ m   200 cm = ____ m   50 dm = ____ m

300 cm = ____ dm   400 cm = ____ m   83 dm = ____ m ____ dm

5 m 9 dm = ____ dm   48 dm = ____ m ____ dm   7 m 2 dm = ____ dm

7 Compare:

< > =

5 m ☐ 4 m 9 dm   6 m ☐ 62 dm

9 m ☐ 81 dm   84 dm ☐ 8 m 4 dm

3 m 6 dm ☐ 4 m 6 dm   95 dm ☐ 5 m 9 dm

8 During school holidays, the brothers decided to build the biggest Lego sculpture in Mouseville. It will be the first such sculpture and the biggest. Around the house they found 85 blue, 94 red, 74 yellow, and 97 green pieces.

1) A neighbor heard about this and decided to help. He brought 26 more blue, 17 red, and 30 green blocks. Now the sculpture will have more blue, red, yellow, or green coloring?

_____

2) How many pieces the biggest Lego masterpiece in Mouseville will have if the brothers will accept the neighbor's help?

_____

3) Can the Mouseville brothers beat the Parmesa sister's Lego "Flower girl" that has 403 blocks?

_____

9 Foxy Tail, Jake the Mouse, and Pop Eye medaled in a race. Which medal did each of them earn if Foxy Tail was not the first, and Pop Eye was neither first nor second?
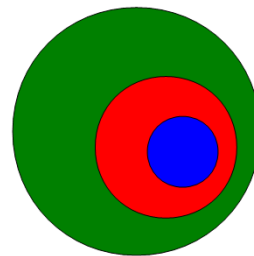
10
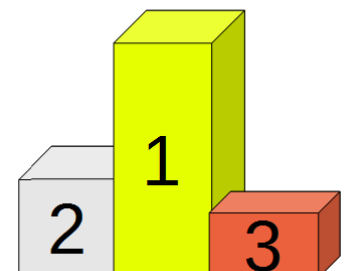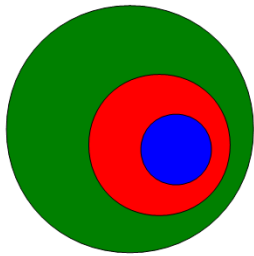
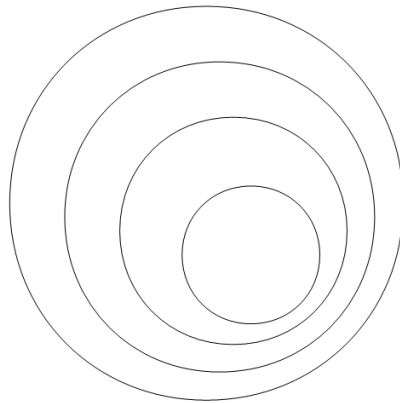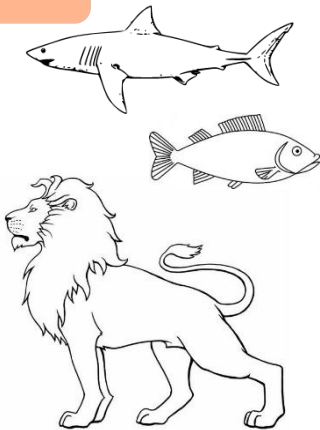Color the circles that   represent different groups

A.

○ – Skiers

○ – People

○ – Athletes

B.

○ – Boys

○ – People

○ – Mammals

11

Color the circles using the table:

Sets of	
🟡	- Fish
🔴	- Sharks
🔵	- Animals
🟢	- Tiger Sharks

12

Put the pears into the baskets according to the guidelines.
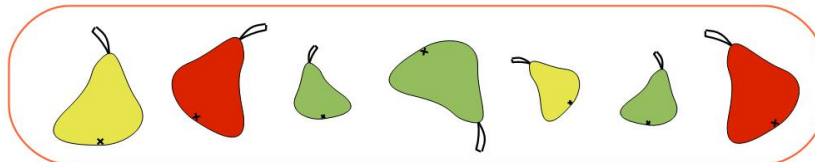
Check the correct statements among the following.

____a) There are only big pears in the left basket.

____b) Some pears in the middle basket are yellow.

____c) There is only one yellow pear in the right basket.

____d) In the left basket, all pears are red.

____e) In the middle basket, all pears are yellow

13 Split each shape in two identical parts and color these parts red and green:

Two ways
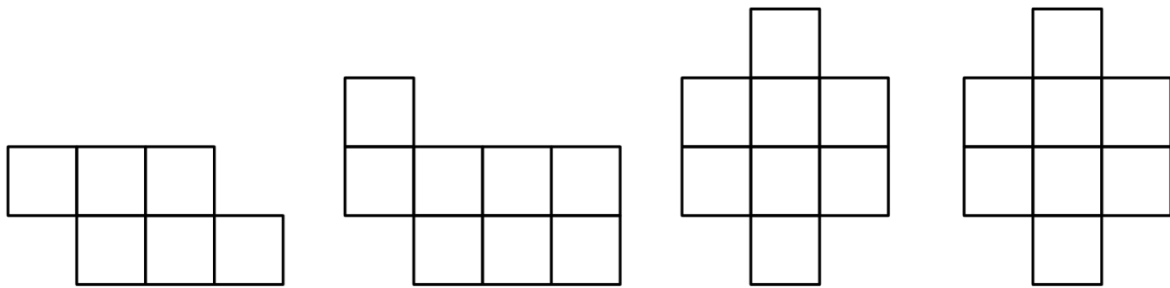
14 Compare.

A. A snake is faster than a deer. The deer is faster than an elephant. Who is the fastest?

_____

slow   fast

B. A rock is bigger than a car a car is bigger than a bicycle. Which object is the biggest?

_____

small   big

C. Foxy Tail is older than Little Joe. Little Joe is younger than Jake the Mouse. Jake the Mouse is younger than Foxy Tail. Pop Eye is the oldest. Which brother is the youngest?

_____

young   old

15 "Program" the Black Box to perform an operation and ask somebody to figure out what operation is the Black Box performing.

1.   2.   3.

4.   5.   6.