Homework 7

1.
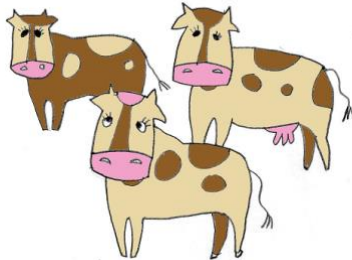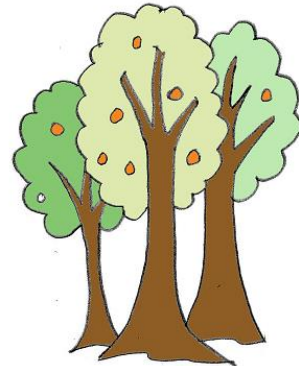
a) What do we call a set of cows?

What do we call a set of bees flying together?

What do we call a set of soccer players gathered for a game? What other team games do you know?

What do we call a set of trees growing together?

2.   Name an element of each of the following sets:

A choir -	A collection –
_____	_____
An orchestra –	A library –
_____	_____
A class-	A school –
_____	_____
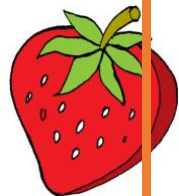
3.

a) Name five elements of the set of berries:

_____

_____

b) Name two elements of the set of books. What books do you like?

_____

_____

c) Name four elements of plants.

_____

_____

d) Make up a set by defining its property and name one element which is included in the set and one which is not included.

_____

_____

4. Define a set by stating its elements:

a) Set of letters in the word «city».

_____

_____

b) Set of odd one-digit numbers.

_____

_____

c) Set of numbers that could be divided by 3 which are greater than 0 and less then 21.
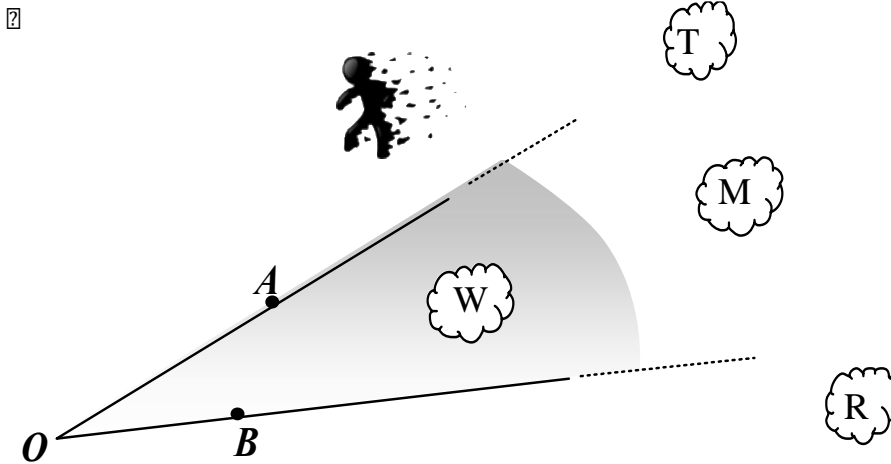
_____

_____

d) Set of three-digit numbers greater than 603 but less than 608.

_____

_____

5. Use a ruler to draw a ray starting from a point O – the vertex of angle AOB. A ray should go through clouds W and M.


6. Donny and Andrew wanted to buy a book. Donny was $7 short, while Andrew was just $1 short. They decided to combine their money and buy one book for the both of them. After they combined their money, they still didn't have enough to buy the book. How much money each boy had in the beginning given that they did not have any coins?

7. There are 3 squares - big, medium and small and 3 circles - big, medium and small. Circle A is a small circle. Find all shapes which are dirteren1 from shape A by only one property (shape or size).
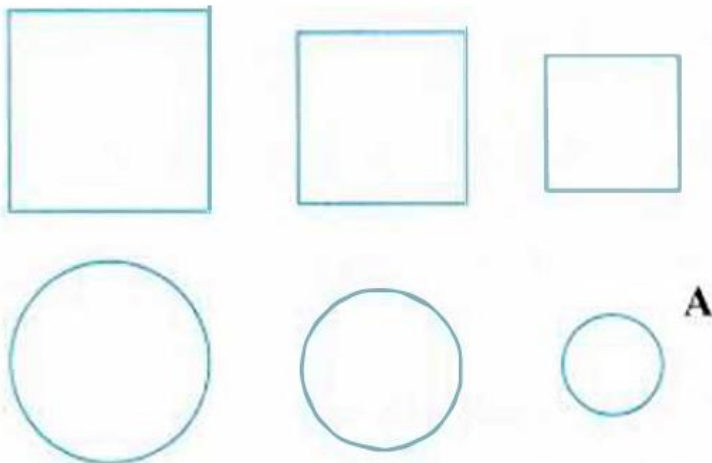
8. Write down expressions for the following problems and find their values:

    a) Three boys together found 250 mushrooms. Peter found 86 mushrooms and Michael found 75. How many mushrooms did Nick find?

    b) Add 15 to the difference of 97 and 35:

9. Paul has a 2 meters long rope. He needs three pieces: 10cm, 3dm, and 1m 30cm. Can Paul cut all 3 pieces from the rope? If yes, how long will the remaining part or the rope will be?

10. You are given a 3L jar, a 5L jar. and a sink with running water. How do you measure exactly 1L of water withou1 using any additional measurement devices?