Self Practice 11.1a TP1

1. Classify the objects in the list below as land, water and air transport.

Car	Rocket	Sampan
Lorry	Aeroplane	Boat
Ship	Van	Ferry
Helicopter	Bus	Hot-air balloon

Self Practice 11.1b TP2

1. Describe each of the following sets by using (i) description, (ii) listing and (iii) set builder notation.

(a) Colours of the rainbow

Let the set be represented by P.

Description:

Listing:

Set builder notation:

(b) Multiples of 3 which are less than 25

Let the set be represented by Q.

Description:

Listing:

Set builder notation:

2. Determine whether each of the following statements is TRUE or FALSE.

(a) If P = {triangles which have diagonals}, then $P = \phi$.

(b) If Q = {prime numbers which are also even numbers}, then $Q = \{\ \}$.

(c) If R = {odd numbers which are divisible by 2}, then $R = \phi$.

(d) If S = $\{x : x \text{ is a negative integer and } x^3 < 0\}$, then $S = \{\ \}$.

LIVEWORKSHEETS