Class: VIII	Subject: Mathematics	Topic:Introduction to Graph	Worksheet-26

Q1;Draw the graph representing the multiples of 3.

Q2; Draw the graph between area of circle and its radius.

Q3;Express the relation of side of a square and area of a square as a function and plot the graph.

Q4;Using the convention of signs write the quadrant in which the following co-ordinates lie

(i)   (-3,4)
(ii)   (5,6)

Q5;Mark the following points in the graph paper

(i)   P(-4,3)
(ii)   Q(0,-5)

Q6;Draw the graph between simple interest versus time when the principal is 5000 and the rate of interest 5% per annum.

Q7;Draw the graph of simple interest on Rs 100 at the rate of 5% per annum.

Q8;The following table gives the quantity of petrol and its cost.Plot a graph to show the data

No. of Litres of petrol	10	15	20	25
Cost of petrol in ₹	500	750	1000	1250

Q9;Ajit can ride a scooter constantly at a speed of 30kms/hour .Draw a time – distance graph for this situation.use it to find

(i)the time taken by Ajit to ride 75 km.

(ii)the distance covered by Ajit in 3 hours.

Q10;Draw a graph for the following.

Side of square (in cm)	2	3	3.5	5	6
Perimeter (in cm)	8	12	14	20	24

Is it a linear graph?