



# PRACTICE WORKSHEET

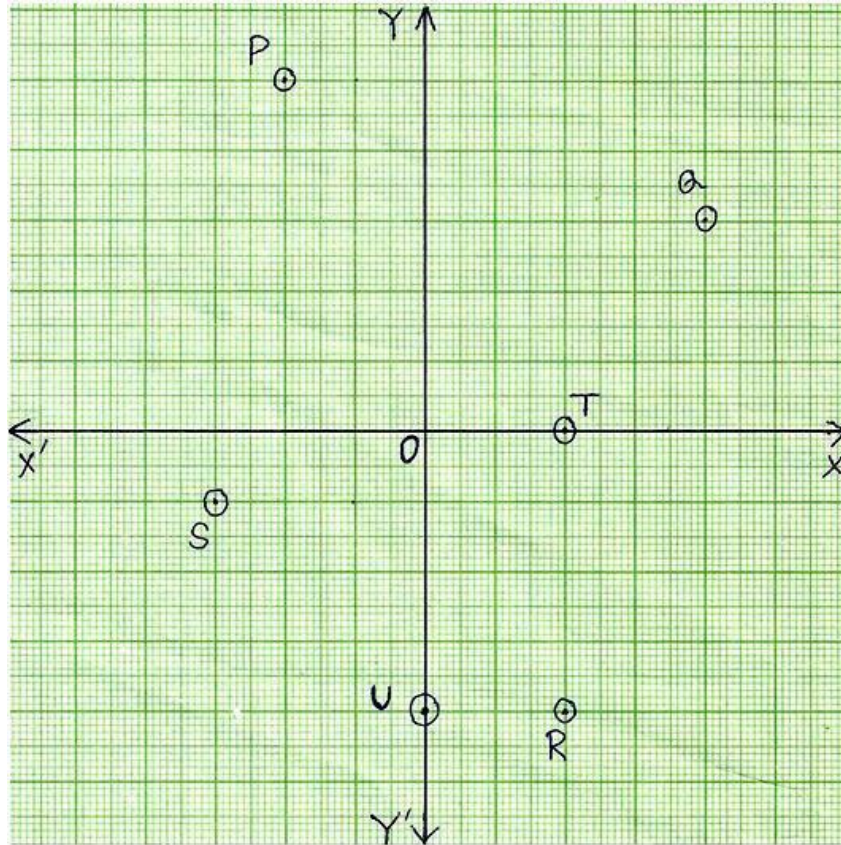
Subject: Mathematics

Class: CBSE 9<sup>th</sup>

Chapter: Coordinate Geometry

Worksheet: M-3

1. In the adjoining figure,  $XOX'$  and  $YOY'$  are the co-ordinate axes. Find out the coordinates of point P, Q, R, S, T and U. Also write the quadrant in which each point lies:



2. On a graph paper draw the coordinate axes  $X'OX$  and  $YOY'$ , and plot each of the following points:
- |                |                 |
|----------------|-----------------|
| (i) A(4, 3)    | (ii) B(2, 6)    |
| (iii) C(-3, 5) | (iv) D(-5, 8)   |
| (v) E(-2, -3)  | (vi) F(-5, -3)  |
| (vii) G(5, -4) | (viii) H(3, -3) |
3. Tick (✓) the correct answer in each of the following:
- Which of the following quadrants does the point P(3, 6) lie?  
(a) I      (b) II      (c) III      (d) IV
  - Which of the following quadrants does the point (-7, -1) lie?  
(a) I      (b) II      (c) III      (d) IV
  - Which of the following quadrants does the point A(2, -3) lie?  
(a) I      (b) II      (c) III      (d) IV
  - Which of the following quadrants does the point Q(-4, 1) lie?  
(a) I      (b) II      (c) III      (d) IV
  - The abscissa of a point is its distance from the  
(a) origin      (b) x-axis      (c) y-axis      (d) none of these