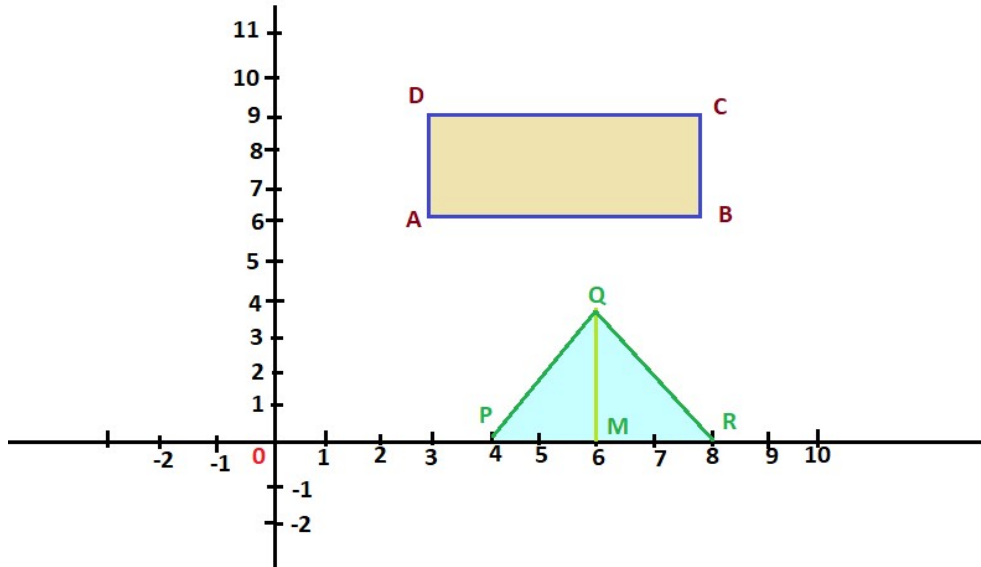




SATISH CHANDRA MEMORIAL SCHOOL

IX CASE STUDY (CO-ORDINATE GEOMETRY)



Kantabai High School (KHS) provides free education to girl students from weaker sections. The local body of the village Mandawa wants to open a branch of KHS in the village for which a rectangular plot ABCD as shown in the figure is very suitable. But this plot belongs to Mr. Magan Lal. Mr. Lal agrees to exchange it with triangular plot PQR as shown in the figure above. Answer the following question based on that diagram.

- Write the coordinates of the point C:
a) (9,8) b) (8,9) c) (7,8) d) (0,8)
- Write the coordinates of the point A:
a) (6,3) b) (3,6) c) (5,3) d) (3,5)
- Write the abscissa of the point R:
a) 0 b) 4 c) 8 d) None of these
- Find the area of Mr Magan's land.
a) 5 sq unit b) 15sq unit c) 8sq unit d) 12sq unit
- Find the area of triangular land.
a) 5 sq unit b) 4sq unit c) 8sq unit d) 12sq unit