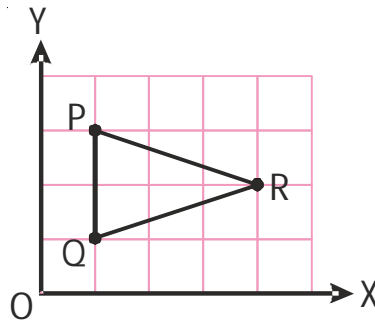


01

In the given figure the scale on the X – axis is 1 : 3 and the scale on the Y – axis is 1 : 2. Find the area of ΔPQR on the Cartesian plane in square units.



Your solution here:

02

The centroid of a triangle formed by $(7, p)$, $(q, -6)$, $(9, 10)$ is $(6, 3)$, find (p, q) .

Your solution here:

03

Find the locus of the point equidistant from $(-1, 2)$ and $(3, 0)$.

Your solution here:

04

A point moves so that its distance from y -axis is half of its distance from the origin. Find the locus of the point.

Your solution here:

05

Find the area of quadrilateral formed by joining the points $(-4, 2)$, $(1, -1)$, $(4, 1)$ and $(2, 5)$.

Your solution here: