

Write the shape of the quadrilateral formed by joining $(1, 1)$, $(6, 1)$, $(4, 5)$ and $(3, 5)$ on graph paper.

Solution:

Question 8.

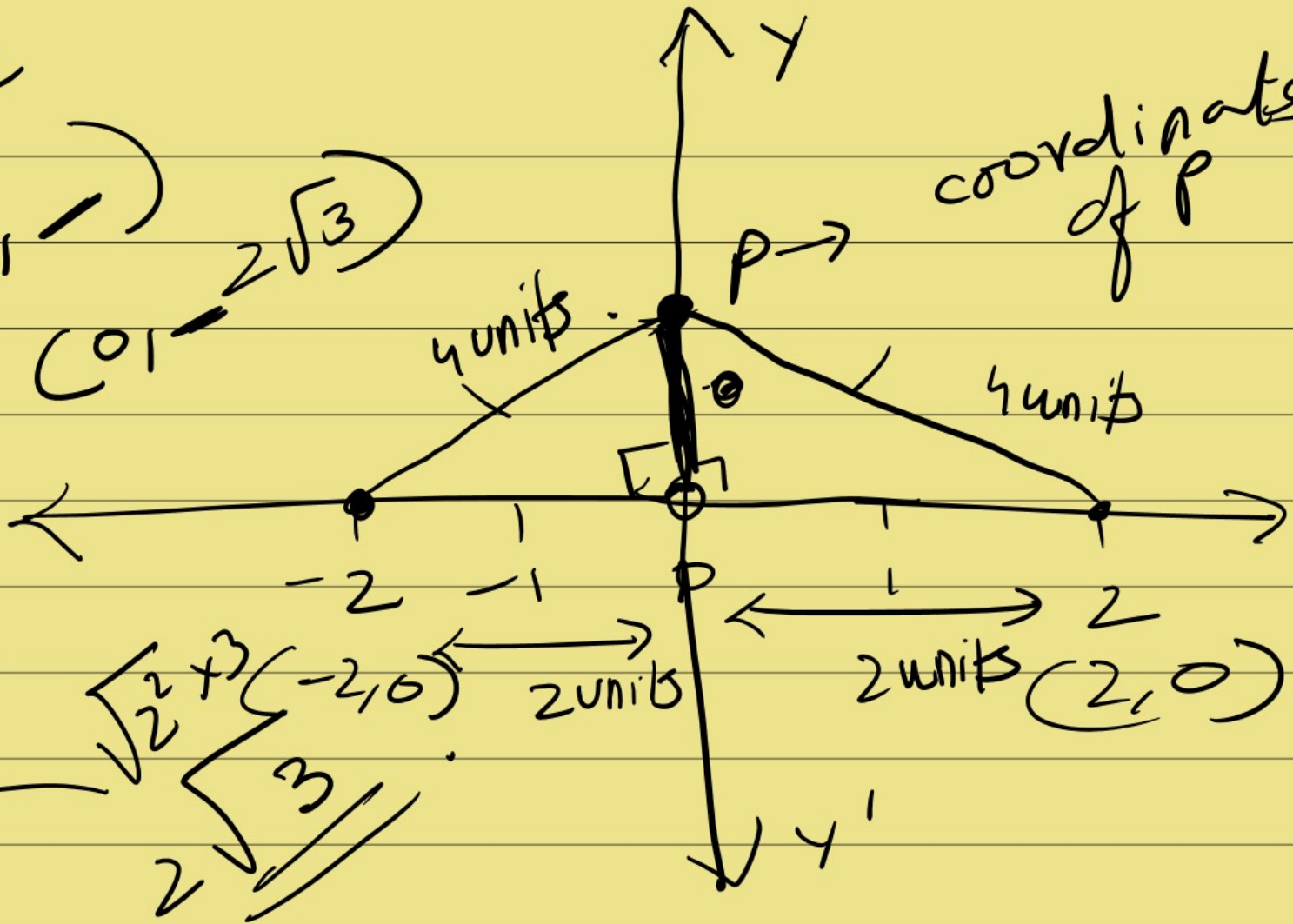
In the given figure, PQR is an equilateral triangle with coordinates of Q and R as $(-2, 0)$ and $(2, 0)$ respectively. Find the coordinates of the vertex P.

coordinate

$(0, 1)$

$(0, 2\sqrt{3})$

coordinates of P



$\sqrt{12}$

$\sqrt{4 \times 3}$

$\sqrt{2^2 + 3^2}$

$\sqrt{3}$

2

Find four solutions for the following equation: $5x - 3y = 0$

↳ Plot graph using those four solutions :-

A coordinate
: $(1, 5/3)$
 $(1, 1.3)$

Case ① $5x - 3y = 0$
put $x = 1$ $5(1) - 3y = 0$
 $3y = 5$
 $y = 5/3$

Case ② $x = 2$

Case ④

Case ③

1st
point

$(1, 5/3)$

2nd
point

$(2, 10/3)$

3rd



slope of $v/t \rightarrow$ displacement
Area of $v/t \rightarrow$ acceleration

Find four solutions for the following equation: $2x - 3(y - 2) = 1$

\hookrightarrow plot the graph:

putting $x = 1$

\hookrightarrow

$y = 1$ \hookrightarrow

The coordinate $(1, 1)$

~~infinity learn by srichithanya~~

↳ Hard
question