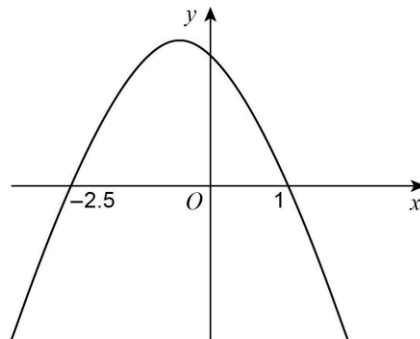


Q1. (2017)

- 21** Here is a sketch of $y = f(x)$ where $f(x)$ is a quadratic function.
The graph intersects the x -axis where $x = -2.5$ and $x = 1$



Not drawn
accurately

Circle the solution of $f(x) > 0$

[1 mark]

$x < -2.5$ or $x > 1$

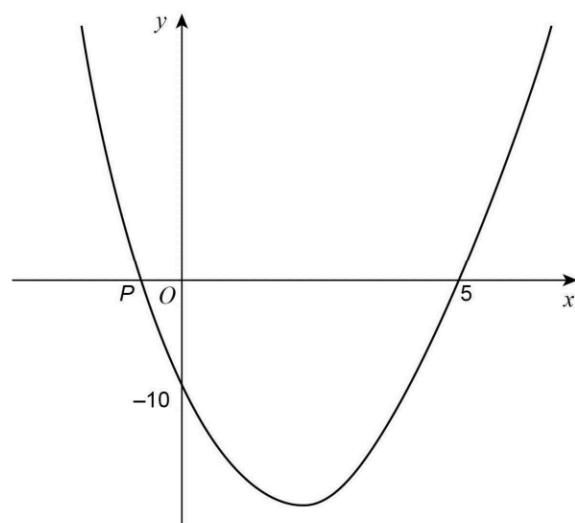
$x > -2.5$ or $x > 1$

$-2.5 < x < 1$

$x > -2.5$ or $x < 1$

Q2. (2017)

- 23** Here is a sketch of $y = x^2 + bx + c$
The curve intersects
the x -axis at $(5, 0)$ and point P
the y -axis at $(0, -10)$



Not drawn
accurately

Work out the x -coordinate of the turning point of the graph.

[4 marks]

Q3. (2020)

27 The equation of a curve is $y = (x - 1)^2 - 6$

Circle the coordinates of the turning point.

[1 mark]

$(-1, -6)$

$(1, 6)$

$(-1, 6)$

$(1, -6)$