

2016 P1 Q9

9. (a) Find the x -coordinates of the stationary points on the graph with equation $y = f(x)$, where $f(x) = x^3 + 3x^2 - 24x$.
- (b) Hence determine the range of values of x for which the function f is strictly increasing.

Answers

(a) $x = -4, 2$

(b) $x < -4$ $x > 2$