

2017 P2 Q7

7. (a) Find the x -coordinate of the stationary point on the curve with equation $y = 6x - 2\sqrt{x^3}$.
- (b) Hence, determine the greatest and least values of y in the interval $1 \leq x \leq 9$.

Answers

- (a) $x = 4$
(b) greatest 8, least 0