

2 In this question you must show detailed reasoning.

Solve the following equations.

(a) $(x^2 - 5)^{\frac{3}{2}} = 8$ **[3]**

(b) $e^{3y} = 2$ **[2]**

(c) $x^4 - 3x^2 - 4 = 0$ **[4]**