1 **(a)** Sketch the graph of $y = \frac{4}{x^2}$ on the axes provided in the Printed Answer Booklet. **[1]**

(b) The curve $y = \frac{4}{x^2}$ is translated by three units in the negative x direction. State the equation of the curve after it has been translated. **[2]**

(c) Describe fully a single transformation that transforms the curve $y = \frac{4}{x^2}$ to $y = \frac{6}{x^2}$. **[2]**