

**AQA – Polar coordinates – A2 Further Mathematics P1**

1. [June/2021/Paper\\_7367/1/No.3](#)

The curve C has polar equation

$$r^2 \sin 2\theta = 4$$

Find a Cartesian equation for C.

Circle your answer.

[1 mark]

$$y = 2x$$

$$y = \frac{x}{2}$$

$$y = \frac{2}{x}$$

$$y = 4x$$