

2

Given that  $y = 2x^3$  find  $\frac{dy}{dx}$

Circle your answer.

**[1 mark]**

$$\frac{dy}{dx} = 5x^2$$

$$\frac{dy}{dx} = 6x^2$$

$$\frac{dy}{dx} = \frac{x^4}{2}$$

$$\frac{dy}{dx} = 6x^3$$