

## Coordinate Geometry Unit Exam: Question 31

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The steps for calculating the midpoint of  $(-3, -6)$  and  $(2, 5)$  is shown below.

$$M = \left( \frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2} \right) \quad (1)$$

$$M = \left( \frac{-3 + 2}{2}, \frac{-6 + 5}{2} \right) \quad (2)$$

$$M = \left( \frac{-1}{2}, \frac{-1}{2} \right) \quad (3)$$