

Choose the
correct answer

Solve the following integration :

1 $\int (2x^2 + 10x) dx$

Answer

$$\frac{4x^3}{3} + 5x + c$$

$$\frac{2x^3}{3} + 10x^2 + c$$

$$\frac{2x^3}{3} + 5x^2 + c$$

Answer

$$\frac{\sin(3x-5)}{3} + c$$

$$\frac{\sin(3x-5)}{5} + c$$

$$-\frac{\sin(3x-5)}{3} + c$$

2 $\int \cos(3x - 5) dx$

3 $\int e^{-6x} dx$

Answer

$$\frac{e^{-6x}}{6} + c$$

$$-\frac{e^{-6x}}{6} + c$$

$$-\frac{6e^{-5x}}{5} + c$$