

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

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

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

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