

Find the derivatives :

1. $y = -10x + 3 \cos x$

A) $-10 + 3 \sin x$

B) $-10 - 3 \sin x$

C) -10

D) $-3 \sin x$

2. $y = \frac{3}{x} + 5 \sin x$

A) $\frac{-3}{x^2} + 5 \cos x$

B) $\frac{3}{x^2} + 5 \cos x$

C) $3 - 5 \cos x$

D) 3