

Find the derivatives of the following functions:

1. $f(x) = 5 - 4 \sin(3x)$,

2. $f(x) = 2 \cos(7x) - x^2$,

3. $f(x) = 2e^{-6x} + 5 \cos(2(x - 9)) - 8 \sin(4(x - 4))$.

