

65. If $\lim_{x \rightarrow 4} f(x) = 2$ and $\lim_{x \rightarrow 4} g(x) = -3$, then

a) $\lim_{x \rightarrow 4} (g(x) + 3) = -3 + 3 = 0$

b) $\lim_{x \rightarrow 4} xf(x) = 4 \times 2 = 8$

c) $\lim_{x \rightarrow 4} (g(x))^2 = (-3)^2 = 9$

d) $\lim_{x \rightarrow 4} \frac{g(x)}{f(x) - 1} = \frac{-3}{2 - 1} = -3$