

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

a) $\lim_{x \rightarrow a} (f(x) + g(x)) = 4 + (-2) = 2$

b) $\lim_{x \rightarrow a} f(x) \cdot g(x) = 4 \times (-2) = -8$

c) $\lim_{x \rightarrow a} 4g(x) = 4(-2) = -8$

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