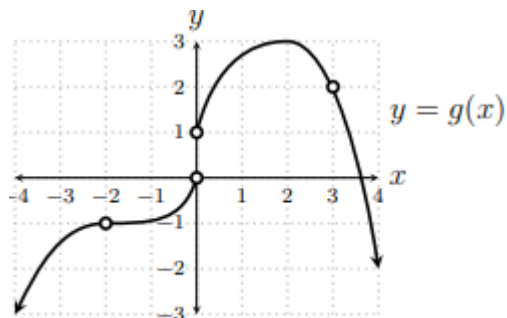
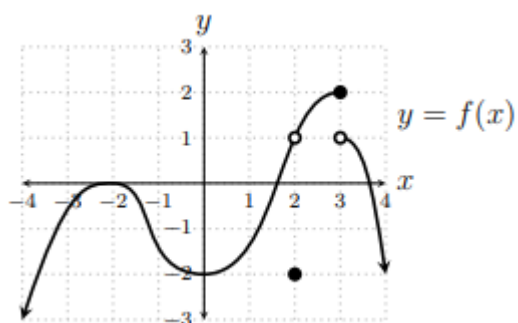


01. Observe os gráficos e calcule:



(a) $\lim_{x \rightarrow 3} f(x) =$

(b) $\lim_{x \rightarrow 2} (2f(x) - g(x)) =$

(c) $\lim_{x \rightarrow 3} g(x) =$

(d) $\lim_{x \rightarrow 3^+} f(x) =$

(e) $\lim_{x \rightarrow -2} \frac{3 + g(x)}{(1 + f(x))^2} =$

(f) $g(0) =$

(g) $\lim_{x \rightarrow 3^-} f(x) =$

(h) $f(2) =$

(i) $\lim_{x \rightarrow 0^+} g(x) =$

(j) $g(-2) =$

02. Encontre: $\lim_{x \rightarrow 2} \sqrt{7x - x^3} + 3$

03. Calcule: $\lim_{x \rightarrow 5} \frac{1 - \frac{25}{x^2}}{x - 5}$

04. Resolva: $\lim_{x \rightarrow 0} \frac{\sqrt{1+x} - 1}{x}$

05. Encontre: $\lim_{x \rightarrow 2} \frac{x^2 - 4}{x^2 + 3x - 10}$

06. Calcule: $\lim_{x \rightarrow \frac{3\pi}{4}} \frac{\cos x + 1}{\cos^2 x - 1}$

07. Resolva: $\lim_{x \rightarrow 2} \frac{x^3 - 8}{x - 2}$