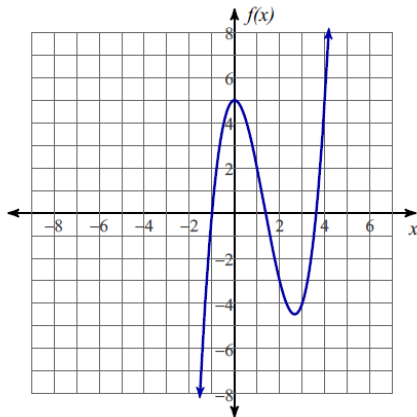
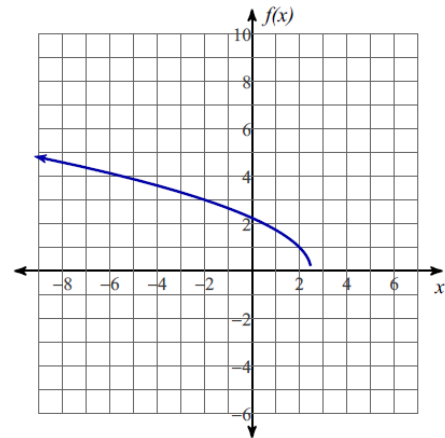


Evaluate the following limits. Show on the graph why your answer makes sense.

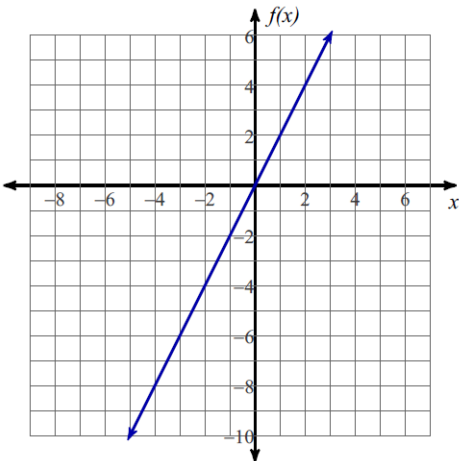
1. $\lim_{x \rightarrow -1} (x^3 - 4x^2 + 5)$



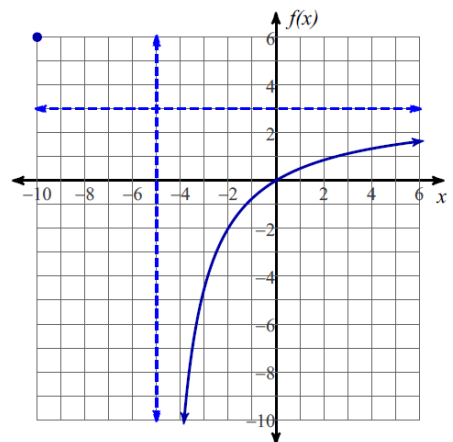
2. $\lim_{x \rightarrow -1} \sqrt{-2x + 5}$



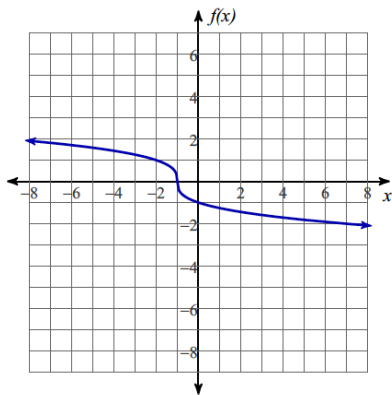
3. $\lim_{x \rightarrow -1} 2x$



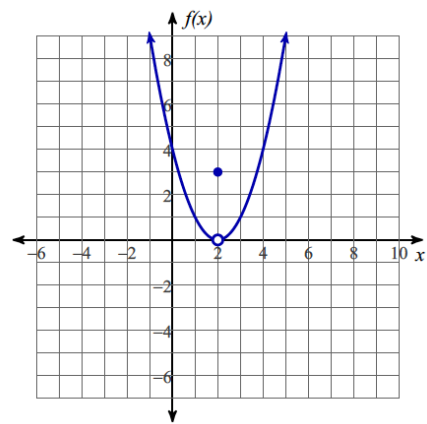
4. $\lim_{x \rightarrow -2} \frac{3x}{x + 5}$



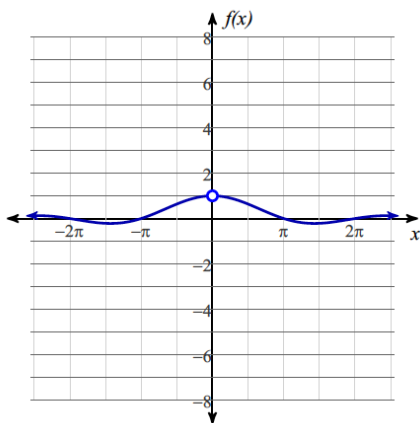
$$5. \lim_{x \rightarrow 0} \sqrt[3]{x+1}$$



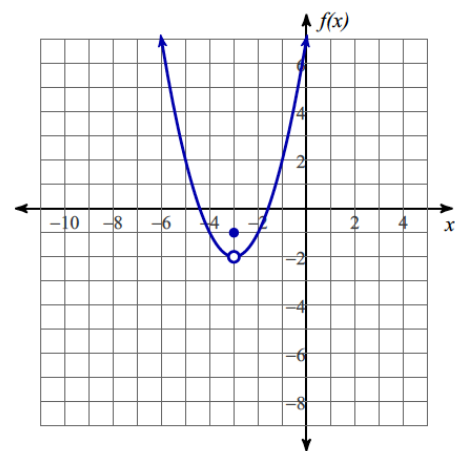
$$6. \lim_{x \rightarrow 2} \begin{cases} x^2 - 4x + 4, & x \neq 2 \\ 3, & x = 2 \end{cases}$$



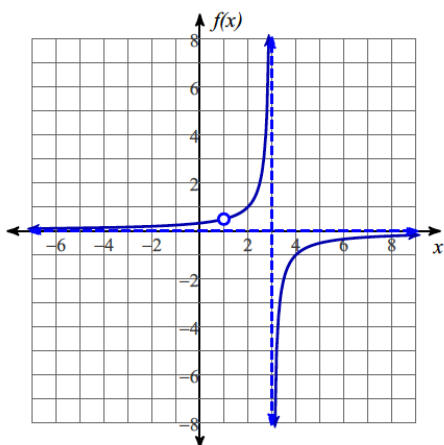
$$7. \lim_{x \rightarrow 0} \frac{\sin x}{x}$$



$$8. \lim_{x \rightarrow -3} \begin{cases} x^2 + 6x + 7, & x \neq -3 \\ -1, & x = -3 \end{cases}$$



$$9. \lim_{x \rightarrow 1} \frac{x-1}{x^2-4x+3}$$



$$10. \lim_{x \rightarrow -2} \frac{x+2}{x^2-4}$$

