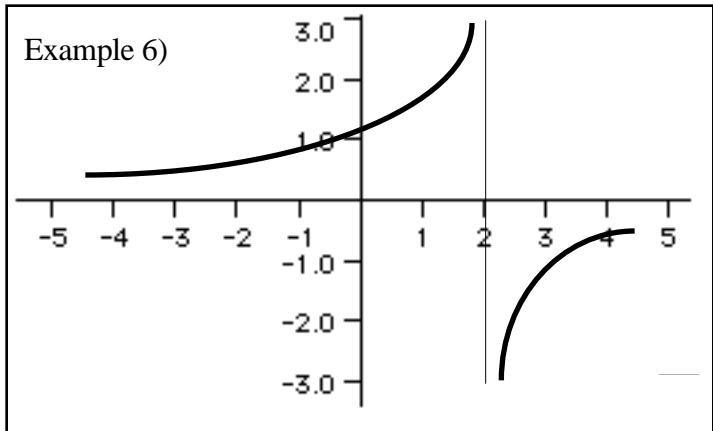
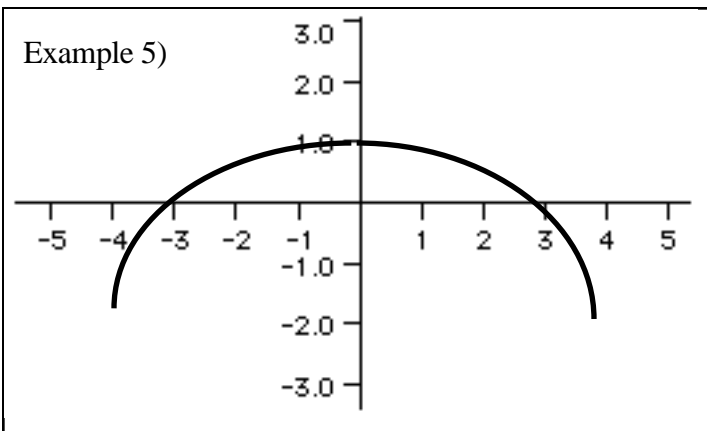


$$\lim_{x \rightarrow 1^-} f(x) = \lim_{x \rightarrow 1^+} f(x)$$

$$\lim_{x \rightarrow 1^-} f(x) \neq \lim_{x \rightarrow 1^+} f(x)$$

$$\lim_{x \rightarrow 1} f(x) = f(1)$$

$$\lim_{x \rightarrow 1} f(x) \neq f(1)$$

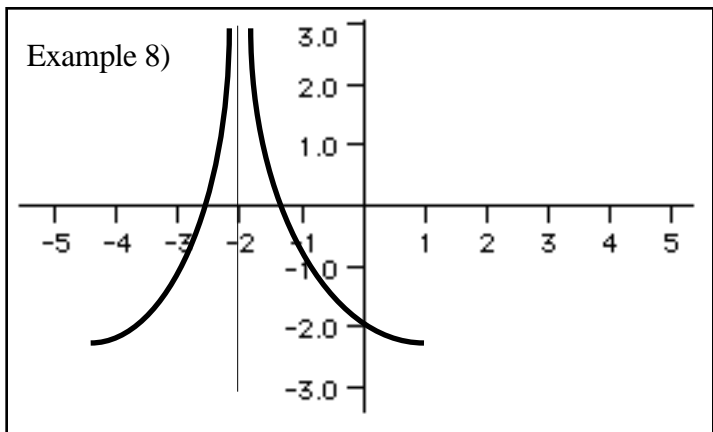
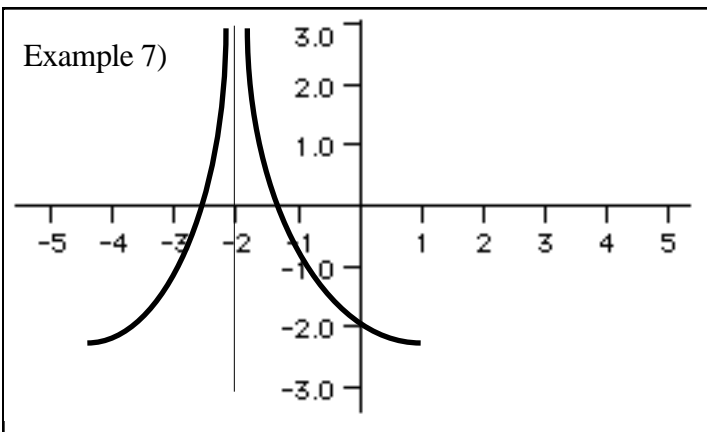


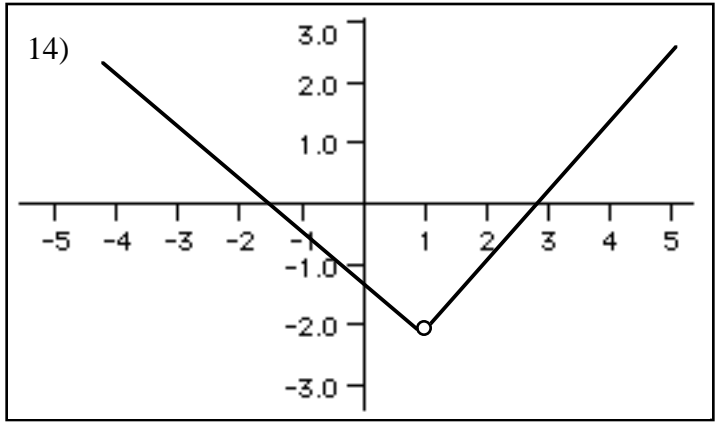
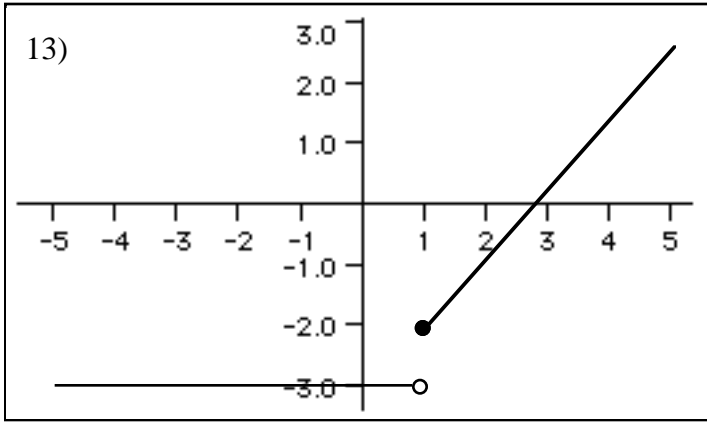
$$\lim_{x \rightarrow 0^-} f(x) = \lim_{x \rightarrow 0^+} f(x)$$

$$\lim_{x \rightarrow 2^-} f(x) \neq \lim_{x \rightarrow 2^+} f(x)$$

$$\lim_{x \rightarrow 0} f(x) \neq f(0)$$

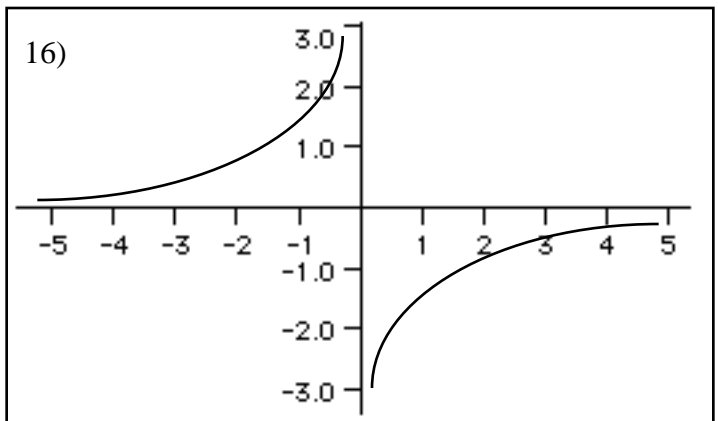
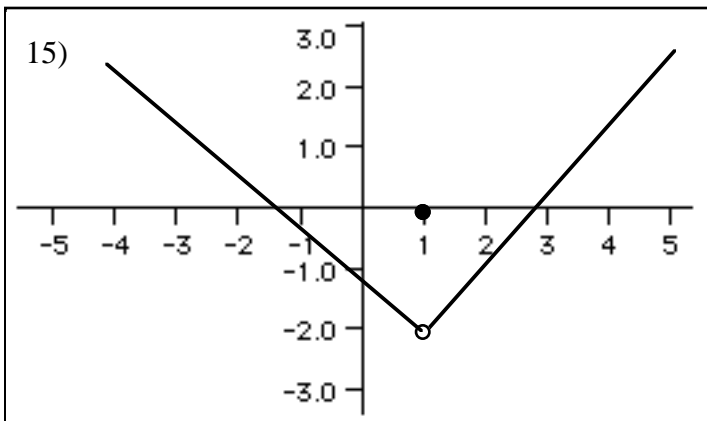
$$\lim_{x \rightarrow 2} f(x) \neq f(2)$$





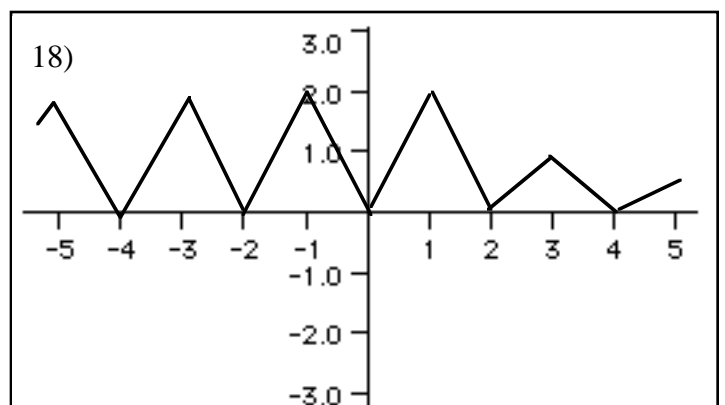
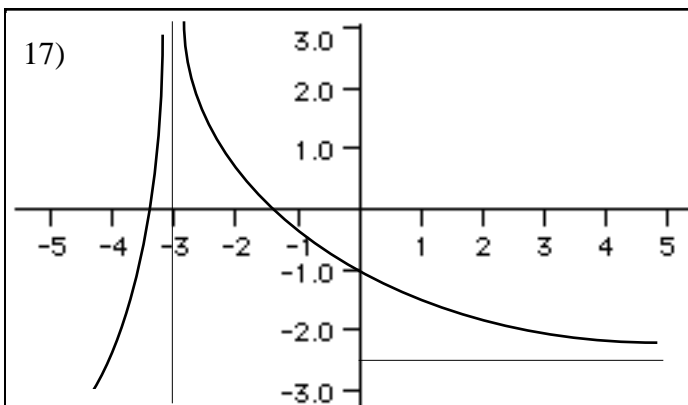
- a) $\lim_{x \rightarrow 1^-} f(x)$! b) $\lim_{x \rightarrow 1^+} f(x)$! c) $\lim_{x \rightarrow 1} f(x)$!
 d) $f(1)$! e) $\lim_{x \rightarrow 1} f(x)$! f) $\lim_{x \rightarrow 1} f(x)$!

- a) $\lim_{x \rightarrow 1^-} f(x)$! b) $\lim_{x \rightarrow 1^+} f(x)$! c) $\lim_{x \rightarrow 1} f(x)$!
 d) $f(1)$! e) $\lim_{x \rightarrow 1} f(x)$! f) $\lim_{x \rightarrow 1} f(x)$!



- a) $\lim_{x \rightarrow 1^-} f(x)$! b) $\lim_{x \rightarrow 1^+} f(x)$! c) $\lim_{x \rightarrow 1} f(x)$!
 d) $f(1)$! e) $\lim_{x \rightarrow 1} f(x)$! f) $\lim_{x \rightarrow 1} f(x)$!

- a) $\lim_{x \rightarrow 0^-} f(x)$! b) $\lim_{x \rightarrow 0^+} f(x)$! c) $\lim_{x \rightarrow 0} f(x)$!
 d) $f(0)$! e) $\lim_{x \rightarrow 0} f(x)$! f) $\lim_{x \rightarrow 0} f(x)$!



- a) $\lim_{x \rightarrow -3^-} f(x)$! b) $\lim_{x \rightarrow -3^+} f(x)$! c) $\lim_{x \rightarrow -3} f(x)$!
 d) $f(-3)$! e) $\lim_{x \rightarrow -3} f(x)$! f) $\lim_{x \rightarrow -3} f(x)$!

- a) $\lim_{x \rightarrow 0^-} f(x)$! b) $\lim_{x \rightarrow 0^+} f(x)$! c) $\lim_{x \rightarrow 0} f(x)$!
 d) $f(0)$! e) $\lim_{x \rightarrow 0} f(x)$! f) $\lim_{x \rightarrow 0} f(x)$!