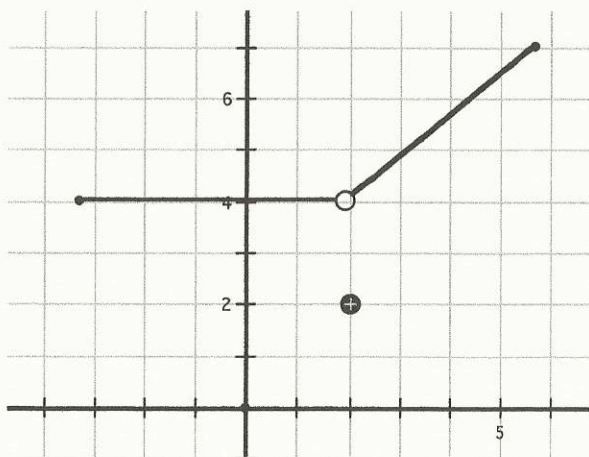


Use the graph of $f(x)$ to answer the following questions.



15. $\lim_{x \rightarrow 2^-} f(x) = 4$

16. $\lim_{x \rightarrow 2^+} f(x) = 4$

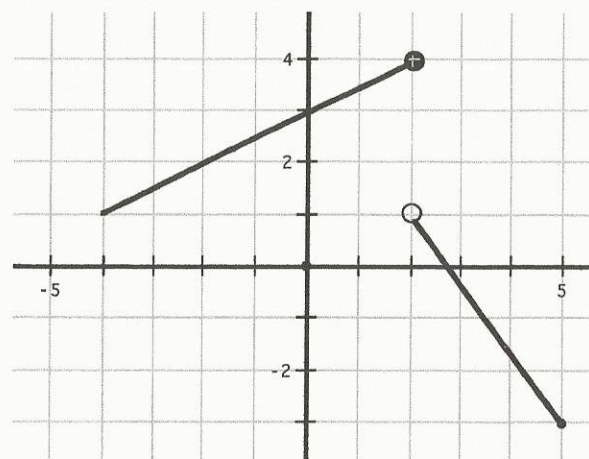
17. $\lim_{x \rightarrow 2} f(x) = 4$

18. $f(2) = 2$

19. Which statement about $f(x)$ is **true**?

- a. $f(x)$ is continuous on its domain.
- b. $f(x)$ has an infinite discontinuity at $x = 2$
- c. $f(x)$ has a removable discontinuity at $x = 2$
- d. $f(x)$ has a jump discontinuity at $x = 2$.

Use the graph of $g(x)$ to answer the following questions.



20. $\lim_{x \rightarrow 2^-} g(x) = 4$

21. $\lim_{x \rightarrow 2^+} g(x) = 1$

22. $\lim_{x \rightarrow 2} g(x) = \text{DNE}$

23. $g(2) = 4$

24. Which statement about $f(x)$ is **true**?

- a. $f(x)$ is continuous on its domain.
- b. $f(x)$ has an infinite discontinuity at $x = 2$
- c. $f(x)$ has a removable discontinuity at $x = 2$
- d. $f(x)$ has a jump discontinuity at $x = 2$.