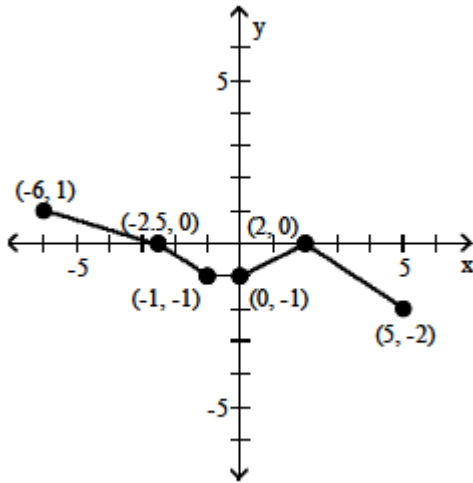


Use the graph of $f(x)$ below to answer #1 – 10.



1. What is $f(-6)$?
2. What is $f(5)$?
3. State the domain of $f(x)$.
4. State the range of $f(x)$.
5. State the x-intercept(s).
6. State the y-intercept(s).
7. For what values of x is $f(x) > 0$?
8. For what value of x does $f(x) = -2$?
9. How often does the line $y = 1$ intersect the graph?
10. How often does the line $x = -2$ intersect the graph?

11. Given the function $f(x) = -5x^2 - 10x + 7$, show whether the point $(-1, 12)$ is on the graph of $f(x)$.

12. Given the function, $f(x) = \frac{x^2-8}{x-1}$, if $x = 2$, what is $f(x)$? What point is on the graph of $f(x)$?