

Solving and Graphing $f(x)$ Functions

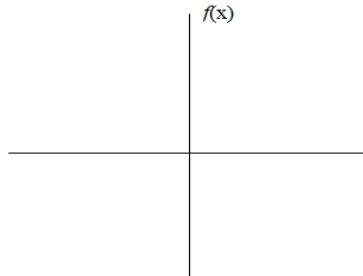
Find the solutions AND graph each function.

1) $f(x) = 3x + 2$

a) $f(2) =$

b) $f(0) =$

c) $f(-6) =$

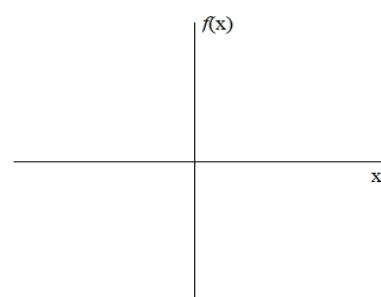


2) $f(x) = |x - 4| + 1$

a) $f(5) =$

b) $f(-5) =$

c) $f(2) =$

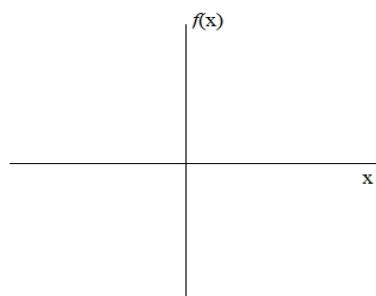


3) $f(x) = \begin{cases} x + 3 & \text{if } x < 4 \\ x - 3 & \text{if } x \geq 4 \end{cases}$

a) $f(0) =$

b) $f(7) =$

c) $f(4) =$



4) $f(x) = \begin{cases} 2x - 7 & \text{if } x < -7 \\ 3 & \text{if } -7 \leq x < 5 \\ x^2 - 12 & \text{if } x \geq 5 \end{cases}$

a) $f(-8) =$

b) $f(0) =$

c) $f(7) =$

