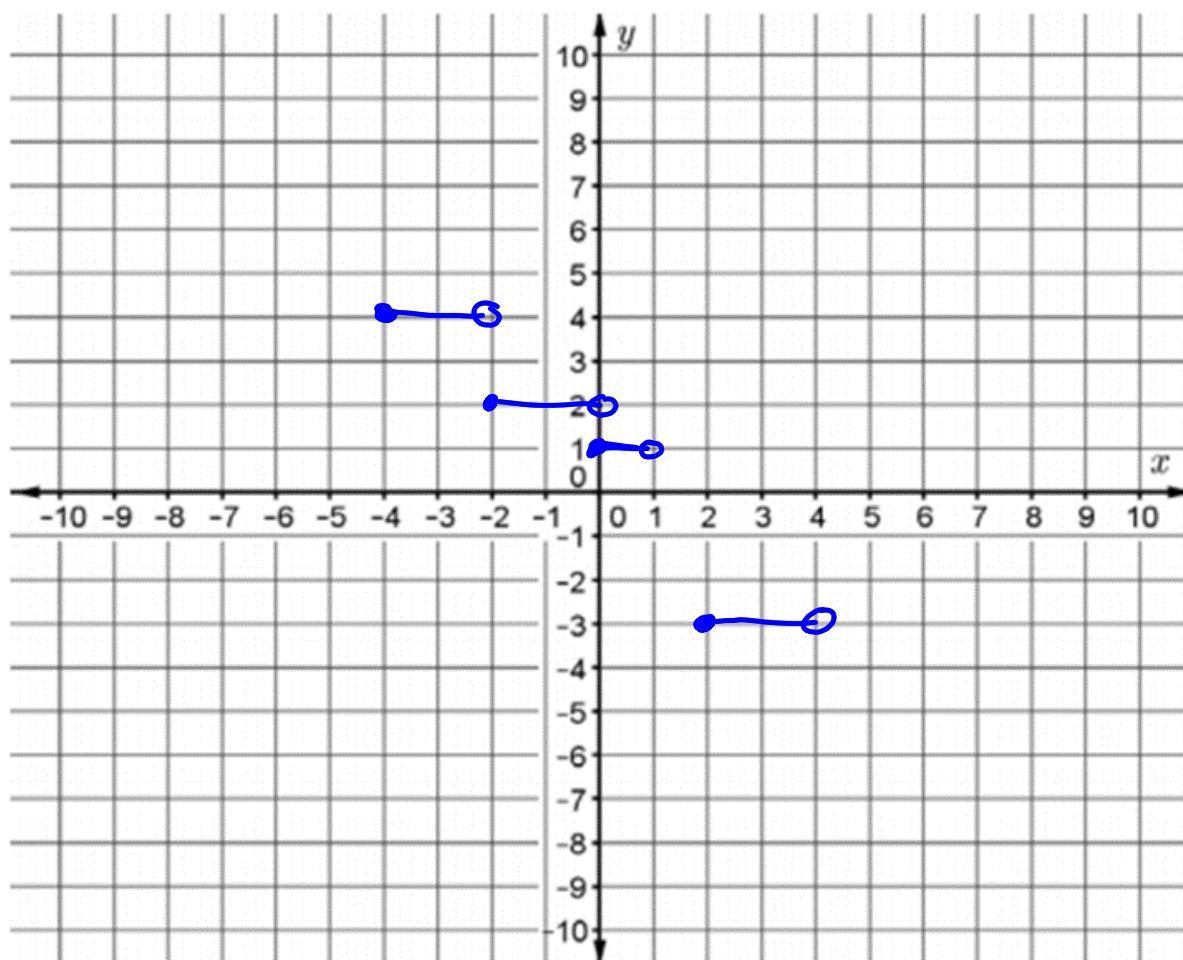


Great job turning in your projects!

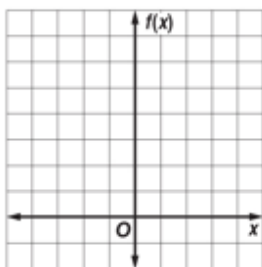
Please get out your homework sheets and be working on the problem you were given.

Graph the function  $f(x) = \begin{cases} 4, & \text{if } -4 \leq x < -2 \\ 2, & \text{if } -2 \leq x < 0 \\ 1, & \text{if } 0 \leq x < 1 \\ -3, & \text{if } 2 \leq x < 4 \end{cases}$   $f(-2) = 2$

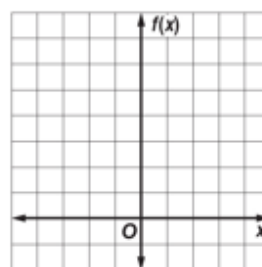


Graph each function. Then find  $f(-1)$ ,  $f(0)$ , and  $f(3)$ .

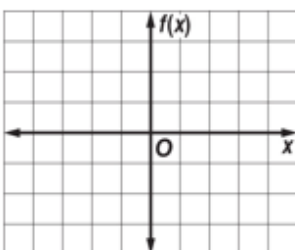
$$1. f(x) = \begin{cases} -1 & \text{if } x \leq 0 \\ 2x & \text{if } 0 < x \leq 3 \\ 6 & \text{if } x > 3 \end{cases}$$



$$2. f(x) = \begin{cases} -x & \text{if } x < -1 \\ 0 & \text{if } -1 \leq x \leq 1 \\ x & \text{if } x > 1 \end{cases}$$



$$3. f(x) = \begin{cases} x & \text{if } x < 0 \\ 2 & \text{if } x \geq 0 \end{cases}$$



$$4. h(x) = \begin{cases} 3 & \text{if } x < -1 \\ x + 1 & \text{if } x > 1 \end{cases}$$

