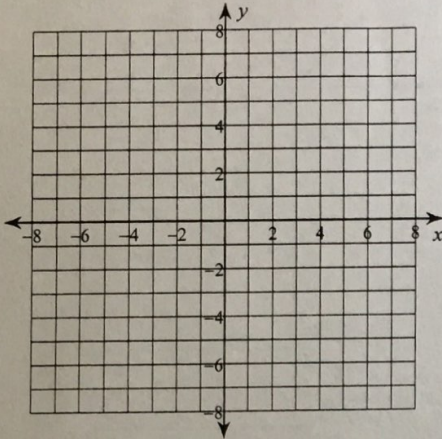
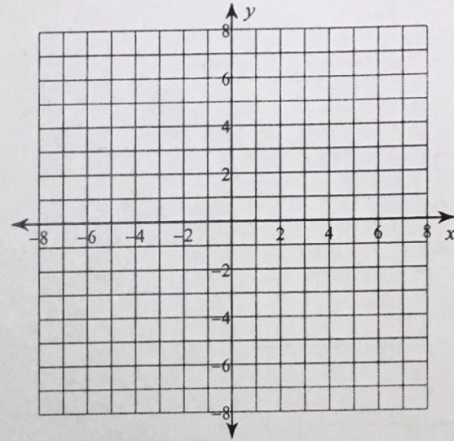


Sketch the graph of each function.

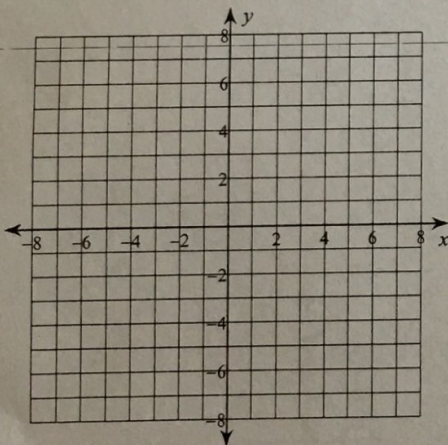
$$1) f(x) = \begin{cases} -2x - 3, & x < -1 \\ |x|, & -1 \leq x < 4 \\ -x, & x \geq 4 \end{cases}$$



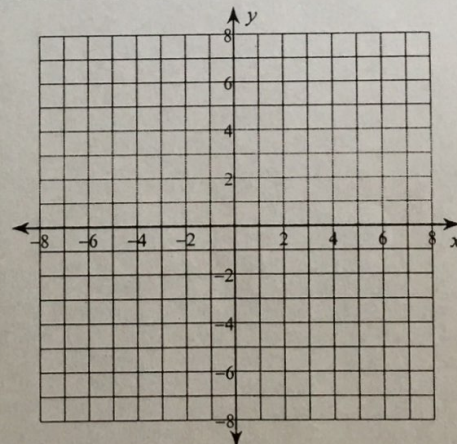
$$2) f(x) = \begin{cases} 6, & x < -2 \\ 5, & -2 \leq x \leq 4 \\ |x|, & x > 4 \end{cases}$$



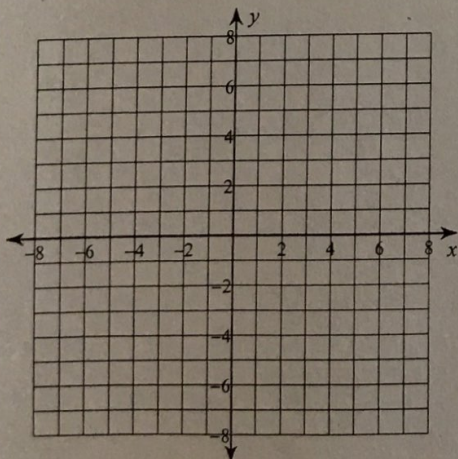
$$3) g(x) = \begin{cases} 0, & x \leq -3 \\ |x| - 4, & x > -3 \end{cases}$$



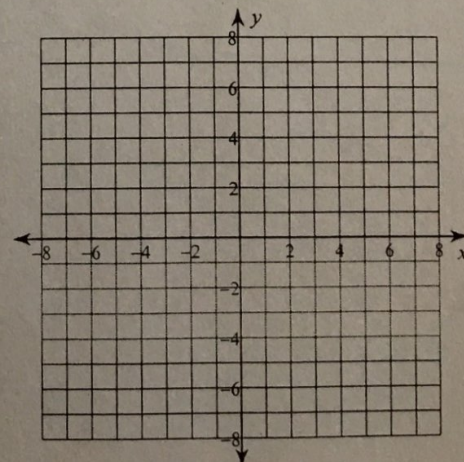
$$4) f(x) = \begin{cases} |x| - 1, & x \leq -2 \\ -x - 1, & -2 < x \leq 4 \\ 2, & x > 4 \end{cases}$$



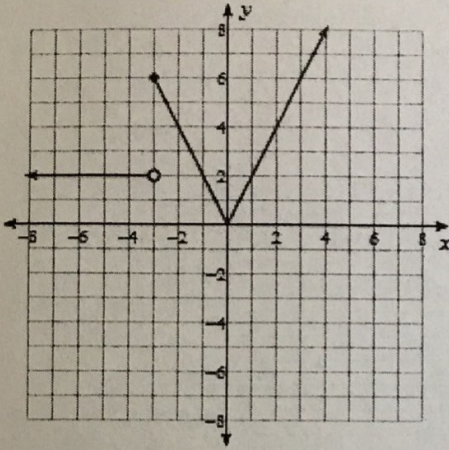
$$5) h(x) = \begin{cases} 1, & x \leq -4 \\ -|x|, & x > -4 \end{cases}$$



$$6) g(x) = \begin{cases} -x - 4, & x \leq -4 \\ x + 2, & x > -4 \end{cases}$$

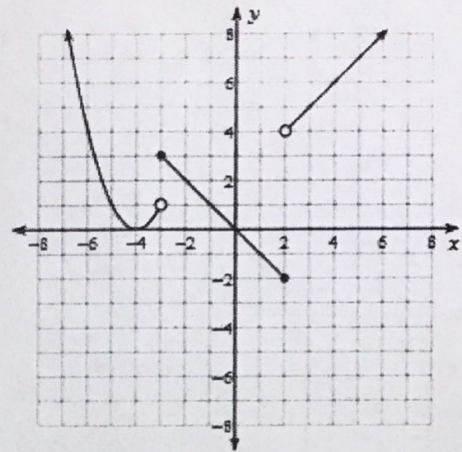


Write the piece wise function for each graph:



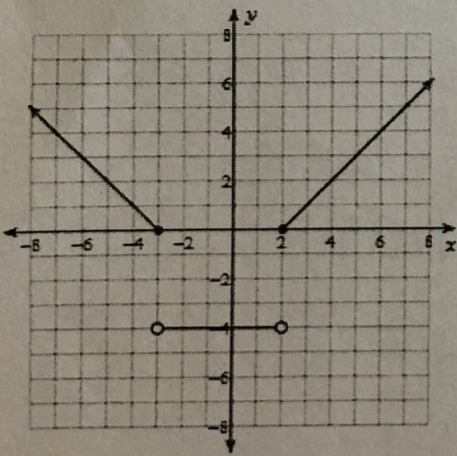
Find: $f(0) =$ _____

$f(-3) =$ _____



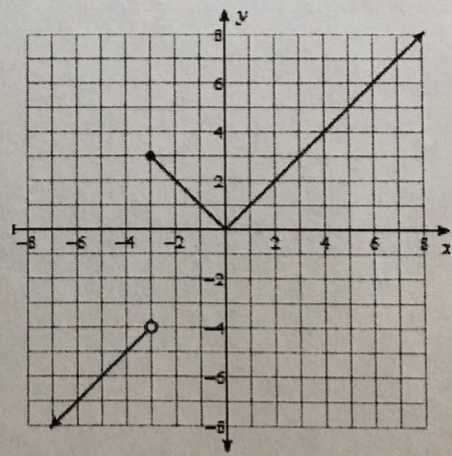
$f(-3) =$ _____

$f(2) =$ _____



$F(-3) =$ _____

$F(0) =$ _____



$f(-3) =$ _____

$f(4) =$ _____