

Name:

Piecewise Functions – Matching Practice

Match the piecewise functions to their graphs.

1. $f(x) = \begin{cases} -x, & x < 0 \\ x, & x \geq 0 \end{cases}$

2. $f(x) = \begin{cases} -3, & x \leq 1 \\ 2x + 1, & x > 1 \end{cases}$

3. $f(x) = \begin{cases} -x - 3, & x < 0 \\ 4, & x \geq 0 \end{cases}$

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

5. $f(x) = \begin{cases} 3x - 1, & x \leq 2 \\ -\frac{1}{2}x - 1, & x > 2 \end{cases}$

6. $f(x) = \begin{cases} 5, & x < -3 \\ x - 3, & x \geq -3 \end{cases}$

