



Graph the following piecewise functions in the spaces provided below.

1. $y = \begin{cases} x + 3, & \text{if } x \leq 0 \\ -x, & \text{if } x > 0 \end{cases}$

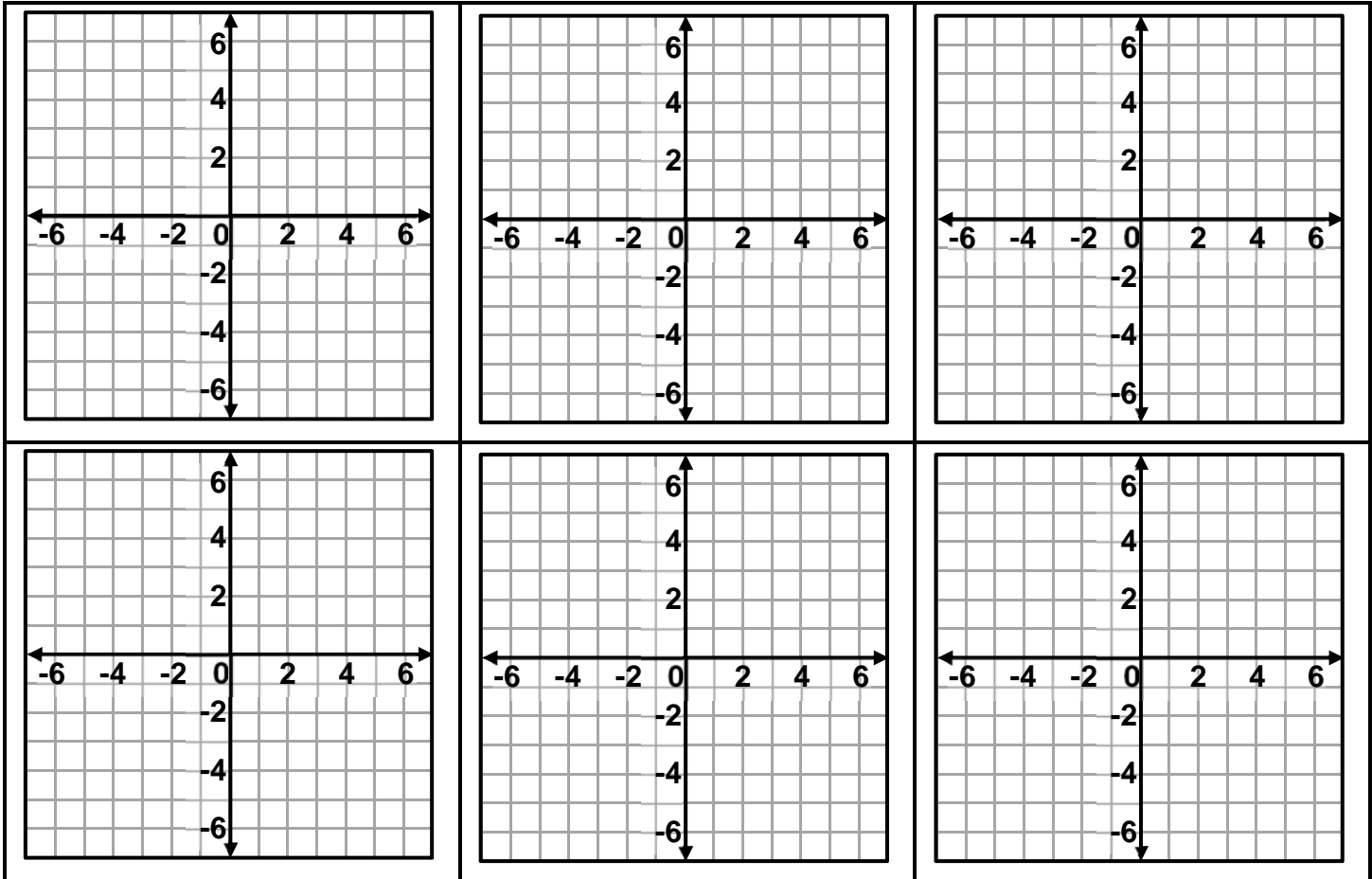
2. $y = \begin{cases} x - 2, & \text{if } x < 0 \\ 4x, & \text{if } x \geq 0 \end{cases}$

3. $y = \begin{cases} -3x - 2, & \text{if } x \leq 1 \\ x + 1, & \text{if } x > 1 \end{cases}$

4. $y = \begin{cases} 2x, & \text{if } x < -1 \\ -2x, & \text{if } x \geq -1 \end{cases}$

5. $y = \begin{cases} 1, & \text{if } x < -3 \\ x - 1, & \text{if } -3 \leq x \leq 3 \\ -2, & \text{if } x > 3 \end{cases}$

6. $y = \begin{cases} -x + 2, & \text{if } x \leq -2 \\ 5, & \text{if } -2 < x < 1 \\ 3x, & \text{if } x \geq 1 \end{cases}$



Write a piecewise function for the following graphs

<p>8.</p>	<p>9.</p>	<p>10.</p>
<p>y =</p>	<p>y =</p>	<p>y =</p>