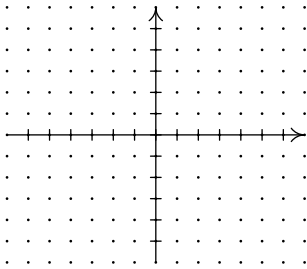For each of the following problems, graph the piecewise function, and define its domain and range.

1. $y = \begin{cases} 2x + 6 & \text{if } -5 < x \le 3 \\ -3x - 4 & \text{if } -2 \le x \le -1 \end{cases}$
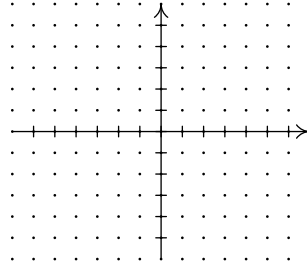
Domain: _____

Range: _____

4. $y = \begin{cases} -\frac{x}{3} + 3 & \text{if } -3 \le x \le 6 \\ 2x + 5 & \text{if } -5 \le x < 3 \end{cases}$
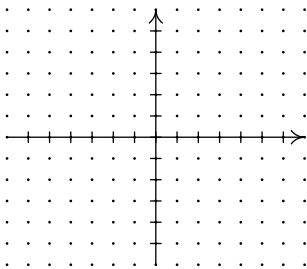
Domain: _____

Range: _____

2. $y = \begin{cases} x + 1 & \text{if } x > 0 \\ x - 2 & \text{if } x \le -1 \end{cases}$

Domain: _____

Range: _____

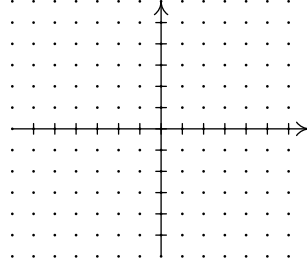5. $y = \begin{cases} \frac{2x}{3} + 3 & \text{if } x > 0 \\ \frac{3x}{4} + 1 & \text{if } x < 0 \end{cases}$
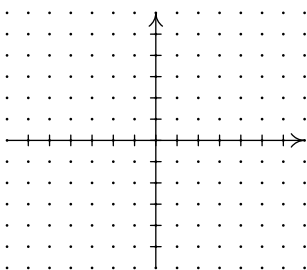
Domain: _____

Range: _____

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

Domain: _____

Range: _____

6. $y = \begin{cases} x & \text{if } 0 \le x < 3 \\ \frac{x}{2} - 5 & \text{if } 4 < x \le 6 \\ -5 & \text{if } -7 \le x \le -3 \end{cases}$

Domain: _____

Range: _____