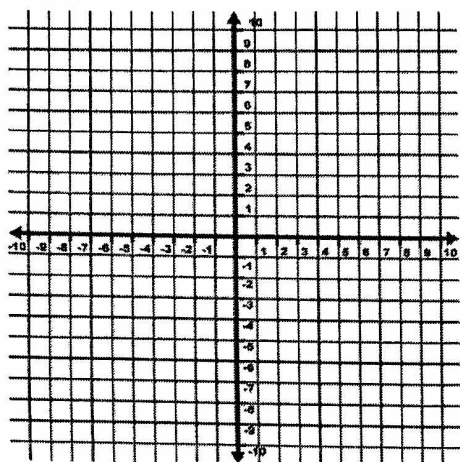


AA PREP: GRAPHING ABSOLUTE VALUE FUNCTIONS WITH TRANSFORMATIONS

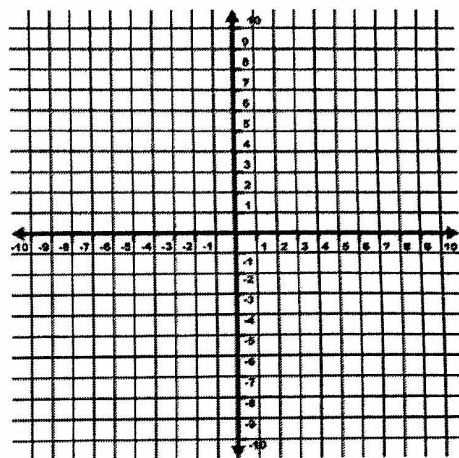
Graph the absolute value parent function. Then, graph each of the following absolute value functions using transformations. State domain and range.

1. $y = |x|$



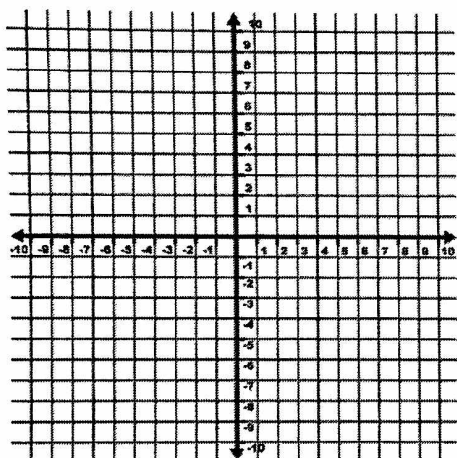
Domain: _____ Range: _____

2. $f(x) = -|x|$



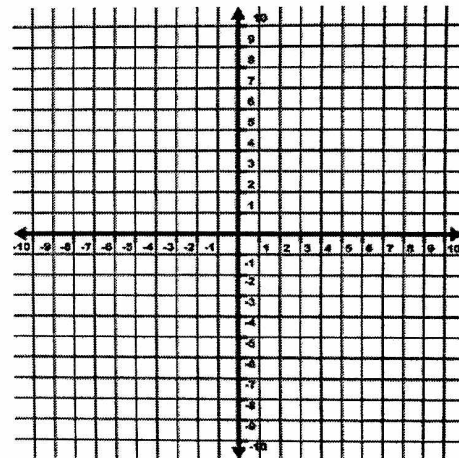
Domain: _____ Range: _____

3. $g(x) = 3|x|$



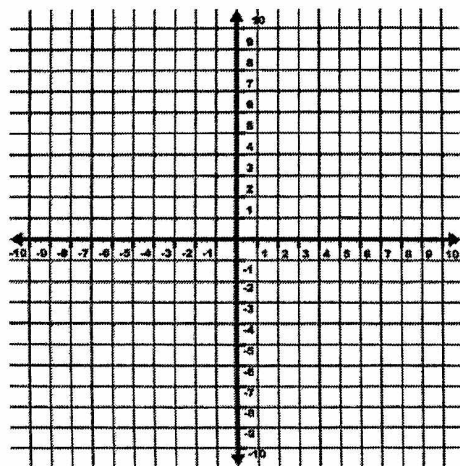
Domain: _____ Range: _____

4. $y = \frac{1}{3}|x|$



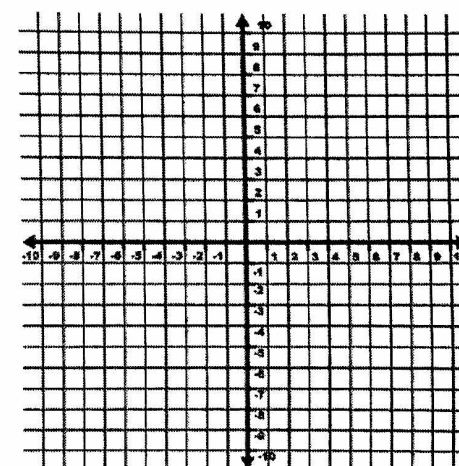
Domain: _____ Range: _____

5. $y = |x| + 3$



Domain: _____ Range: _____

6. $y = |x - 3|$



Domain: _____ Range: _____