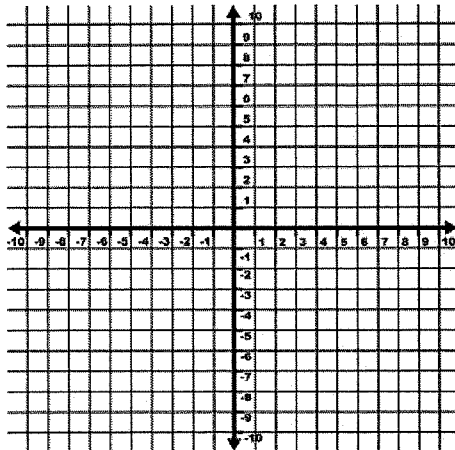


AA PREP: PARENT FUNCTIONS—WORKSHEET #1

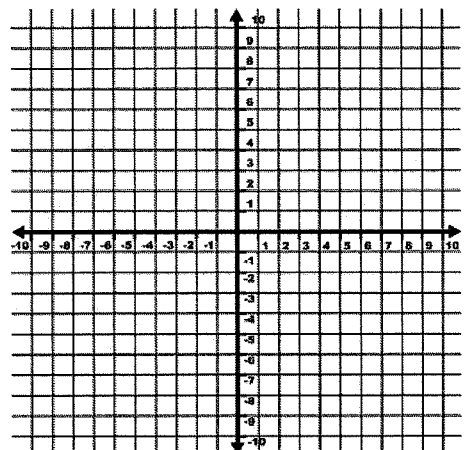
Graph each of the following parent functions. State domain and range. Include any asymptotes.

1. $y = x^2$



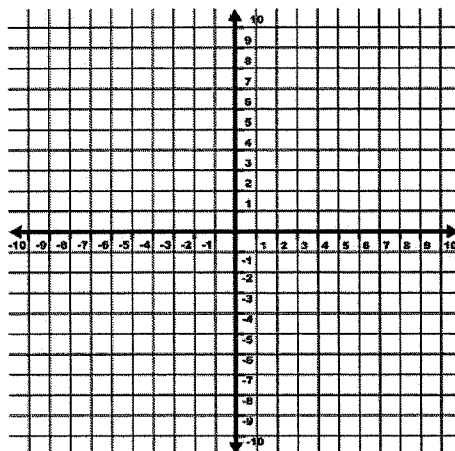
Domain: _____ Range: _____

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



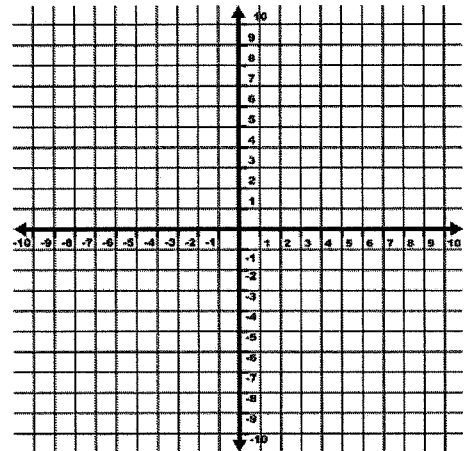
Domain: _____ Range: _____

3. $g(x) = \sqrt{x}$



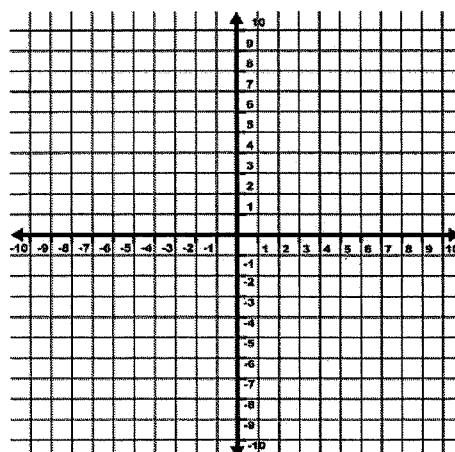
Domain: _____ Range: _____

4. $y = 2^x$



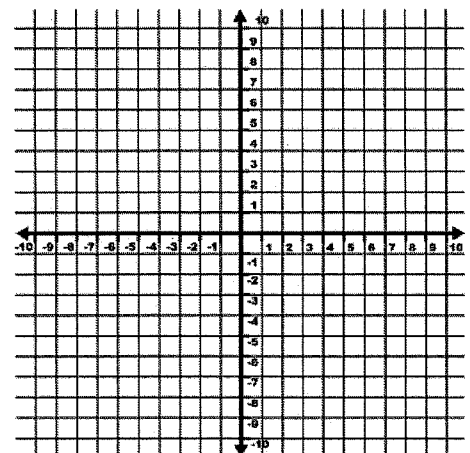
Domain: _____ Range: _____

5. $f(x) = x^3$



Domain: _____ Range: _____

6. $g(x) = \frac{1}{x}$



Domain: _____ Range: _____