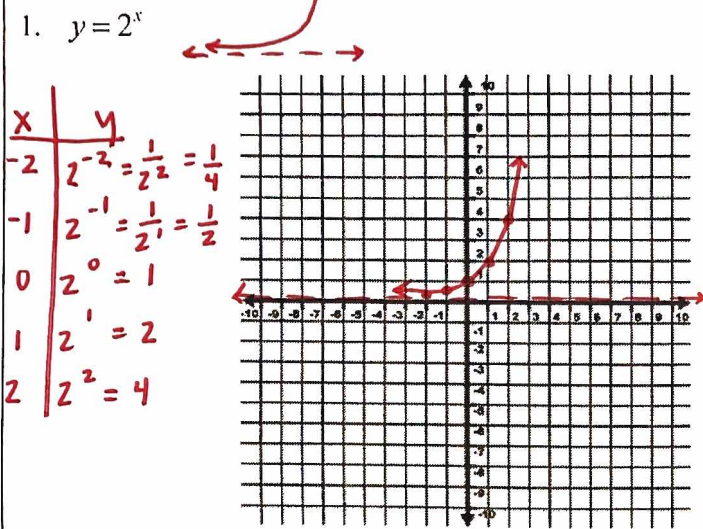
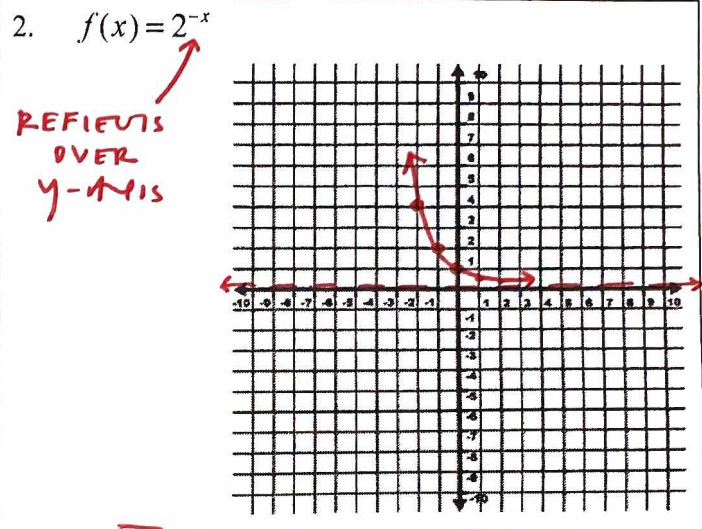


AA PREP: GRAPHING EXPONENTIAL FUNCTIONS WITH TRANSFORMATIONS—WORKSHEET #1

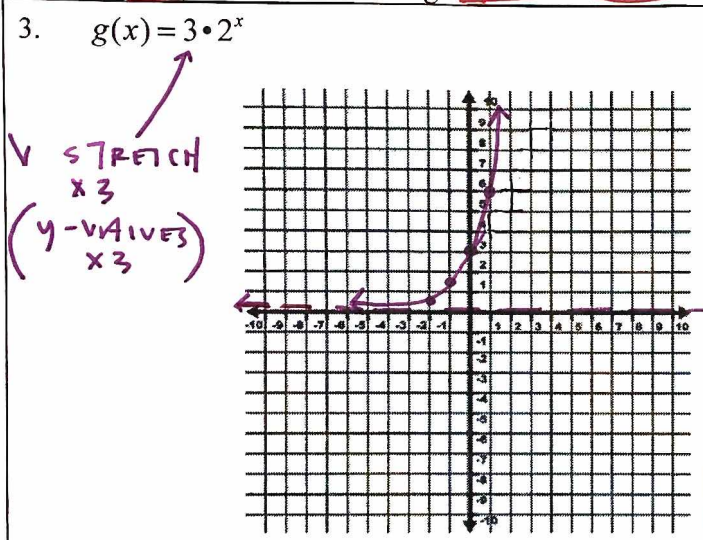
Graph the exponential parent function. Then, graph each of the following exponential functions using transformations. State domain and range.



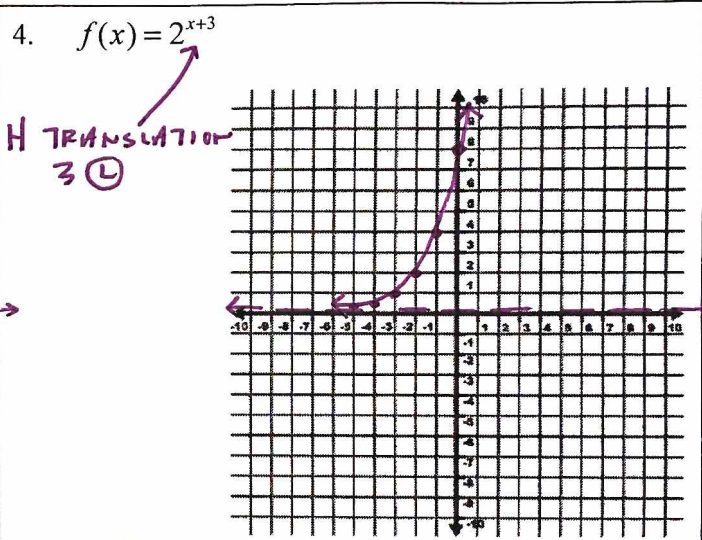
Domain:  $\mathbb{R} (-\infty, \infty)$  Range:  $y > 0 (0, \infty)$



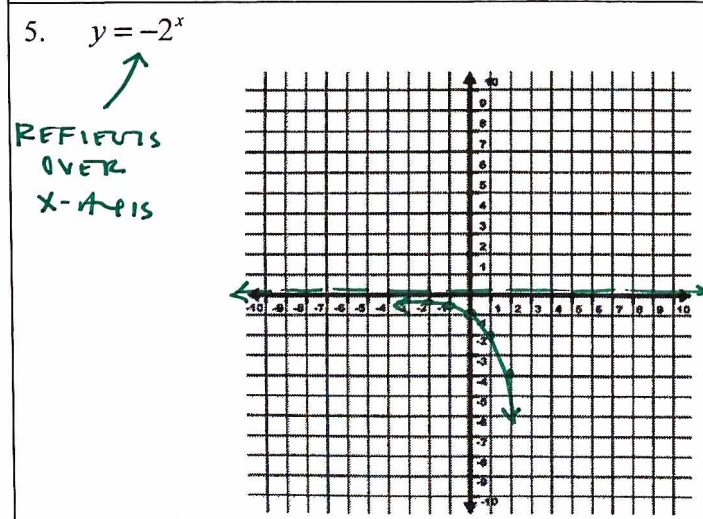
Domain:  $\mathbb{R} (-\infty, \infty)$  Range:  $y > 0 (0, \infty)$



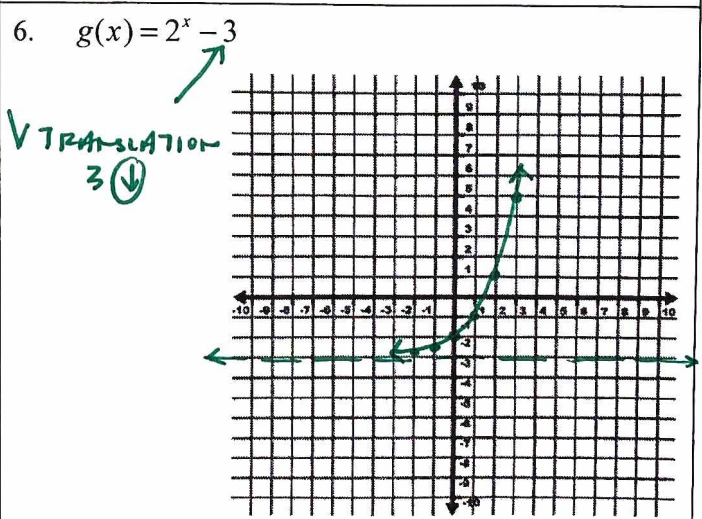
Domain:  $\mathbb{R} (-\infty, \infty)$  Range:  $y > 0 (0, \infty)$



Domain:  $\mathbb{R} (-\infty, \infty)$  Range:  $y > 0 (0, \infty)$



Domain:  $\mathbb{R} (-\infty, \infty)$  Range:  $y < 0 (-\infty, 0)$



Domain:  $\mathbb{R} (-\infty, \infty)$  Range:  $y > -3 (-3, \infty)$