

121-G12
Fall, 2012

Quiz 5, S 2.1 – 2.3

Name _____

Graph the function $g(x)$ by transforming a basic function $f(x)$. Bonus for finding all x - and y -intercepts.

1. $g(x) = (x + 2)^2 - 3$

2. $g(x) = -\sqrt{2 - x} + 5$

3. $g(x) = \sqrt[7]{x-5} - 3$

4. $g(x) = 3|x+5| - 7$

5. (Bonus) $g(x) = 2\sqrt{5x-10}$