

Business PreCalculus MATH 1643 Section 004, Spring 2014
Worksheet 16

1- Describe the transformations that produce $g(x)$ from $f(x)$:

a. $f(x) = \sqrt{x}$, $g(x) = \sqrt{x-1}$.

b. $f(x) = \frac{1}{x}$, $g(x) = \frac{1}{x} + 2$

c. $f(x) = \sqrt[3]{x}$, $g(x) = -\sqrt[3]{\frac{x}{2}} + 3$

d. $f(x) = |x|$, $g(x) = 2|x-1|$

e. $f(x) = x^3$, $g(x) = -x^3 + 1$

f. $f(x)$, $g(x) = -f(-x+1) - 2$

g. $f(x)$, $g(x) = f(-2x) + 4$