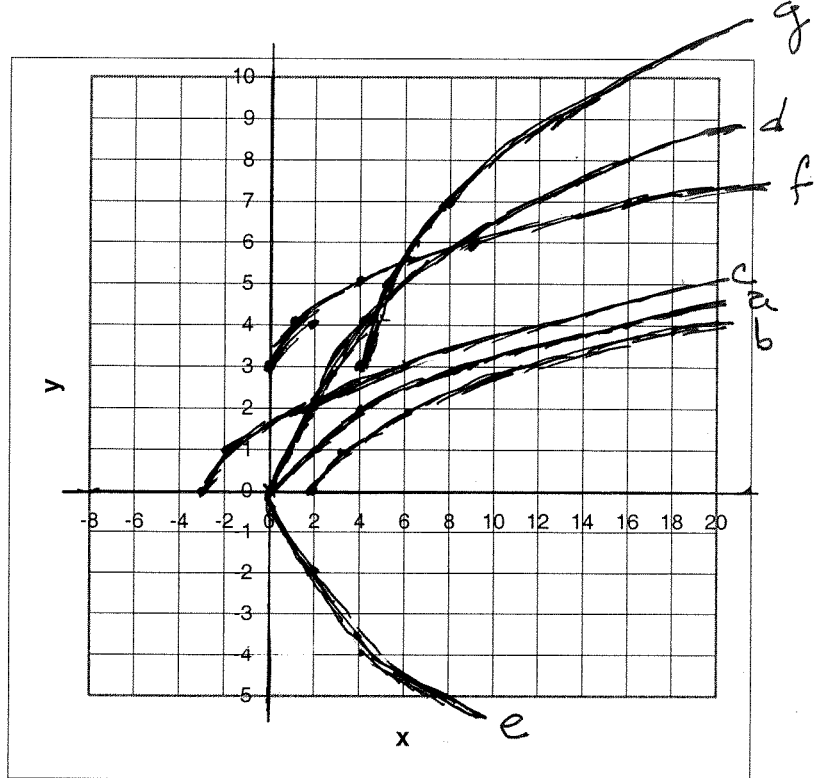


MATH 160 Session # 9

1. Sketch the graph of each of the following functions on the same pair of axes.

- $a(x) = \sqrt{x}$
- $b(x) = \sqrt{x-2}$
- $c(x) = \sqrt{x+3}$
- $d(x) = 2\sqrt{x}$
- $e(x) = -2\sqrt{x}$
- $f(x) = \sqrt{x} + 3$
- $g(x) = 2\sqrt{x-4} + 3$



2. Sketch the graph of each of the following functions on the same pair of axes.

- $a(x) = x^3$
- $b(x) = (x-2)^3$
- $c(x) = (x+3)^3$
- $d(x) = 2x^3$
- $e(x) = -2x^3$
- $f(x) = x^3 + 3$
- $g(x) = 2(x-3)^3 + 3$

