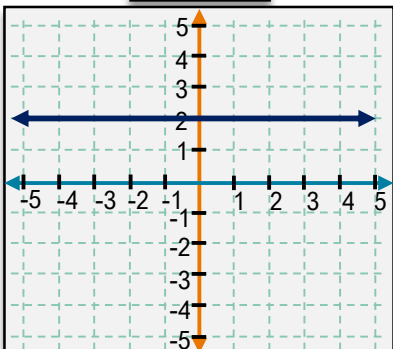
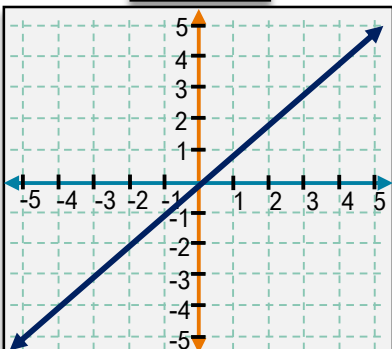
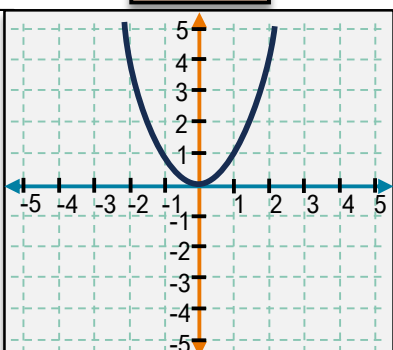
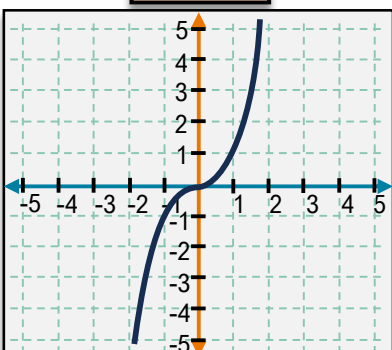
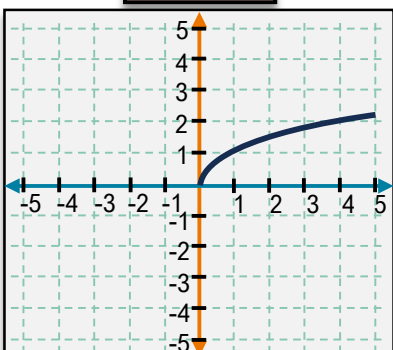
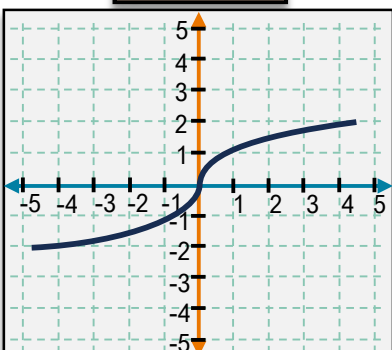


TOPIC: GRAPHING COMMON FUNCTIONS

Graphs of Common Functions

- ◆ There are several graphs that may frequently show up in this course.

Graphs of Common Functions	
Constant Function <i>(y = same value, does NOT depend on x)</i>	Identity Function
$f(x) = c$  Domain: _____ Range: _____	$f(x) = x$  Domain: _____ Range: _____
Square Function <i>(Output = square of input)</i>	Cube Function <i>(Output = cube of input)</i>
• Shape is a _____ $f(x) = x^2$  Domain: _____ Range: _____	$f(x) = x^3$  Domain: _____ Range: _____
Square Root Function <i>(Output is the square root of input)</i>	Cube Root Function <i>(Output is the cube of input)</i>
• x [CAN CANT] be negative $f(x) = \sqrt{x}$  Domain: _____ Range: _____	• x [CAN CANT] be negative $f(x) = \sqrt[3]{x}$  Domain: _____ Range: _____