

Name

# Plot Points in a Coordinate Plane

Alg I

I can identify and plot points in a coordinate plane.

## Example 3:

$$7) y = -\frac{1}{3}x + 2$$

$$y = \frac{1}{3}\left(\frac{-6}{1}\right) + 2$$
$$y = \frac{-6}{3} + 2$$
$$y = -2 + 2 = 0$$

Ch. 3 Quiz

x	y
-6	0
-3	1
0	2
3	3
6	4

$$y = \frac{1}{3}\left(\frac{-3}{1}\right) + 2$$
$$y = \frac{-3}{3} + 2$$
$$y = -1 + 2 = 1$$

$$y = \frac{1}{3}(0) + 2$$
$$y = 0 + 2 = 2$$

$$y = \frac{1}{3}\left(\frac{6}{1}\right) + 2$$
$$y = \frac{6}{3} + 2$$
$$y = 2 + 2 = 4$$

$$y = \frac{1}{3}\left(\frac{3}{1}\right) + 2$$
$$y = \frac{3}{3} + 2$$
$$y = 1 + 2 = 3$$

Range: 0, 1, 2, 3, 4

