

**2.3.37**

$$m = \frac{1-0}{2-0} = \frac{1}{2},$$

so

$$y = \frac{1}{2}x + 0.$$

**2.3.59** The line  $\{x, y \mid y = 2x\}$  has slope 2, so the parallel line also has slope 2. Since  $(-1, 2)$  is on the line,

$$2 = 2(-1) + b;$$

$$b = 4.$$

Therefore, the line's equation in  $(x, y)$  is

$$y = 2x + 4.$$