

Point Slope WS

1. $(2, 7) m = -4$

$$y - 7 = -4(x - 2)$$

2. $(12, 5) m = 3$

$$y - 5 = 3(x - 12)$$

3. $(4, -5) m = 6$

$$y + 5 = 6(x - 4)$$

4. $(-6, -2) m = 3$

$$y + 2 = 3(x + 6)$$

5. $(7, -6) m = \frac{1}{2}$

$$y + 6 = \frac{1}{2}(x - 7)$$

6. $(-8, 2) m = -\frac{3}{4}$

$$y - 2 = -\frac{3}{4}(x + 8)$$