

Create an equation using the information below. Your final answer should be in slope-intercept form.

1. $(4, -3), m = -1$

2. $(-5, -6), m = 2$

3. $(-7, 2), m = 3$

4. $(3, 5), m = -2$

5. $(6, -2), m = -3$

6. $(5, -2), m = 2$

7. $(7, 0), m = 4$

8. $(0, 9), m = -2$

9. $(5, -1), m = \frac{1}{5}$

10. $(-3, -2), m = \frac{1}{4}$

Answers:

1) $y = -x + 1$

2) $y = 2x + 4$

3) $y = 3x + 23$

4) $y = -2x + 11$

5) $y = -3x + 16$

6) $y = 2x - 12$

7) $y = 4x - 28$

8) $y = -2x + 9$

9) $y = \frac{1}{5}x - 2$

10) $y = \frac{1}{4}x - \frac{5}{4}$