

Slope-Intercept Form and Point-Slope Form (Section 3.7)

1) Find the slope and y-intercept of the line: $12x - 6y = 9$

2) Write the slope-intercept equation for the line with a slope of $\frac{7}{4}$ that passes through the point $(4, -2)$. Show all work.

- 3) Write the slope-intercept equation of the line passing through the points $(-3, 4)$ and $(3, 1)$. Show all work.

Properties of Exponents (Section 4.1)

- 4) Simplify. Show all work. $(-4m^3r^4)^3(m^0r)$