

No calculators are allowed on this quiz. Please read each question carefully, follow directions and clearly mark your solutions. **Show your work for full credit.**

1. Find the slope-intercept form of the equation of the line that passes through the points $(-3, -1)$ and $(-2, 4)$.

2. Find the slope-intercept form of the equation of the line that passes through the point $(-1, 1)$ and it is perpendicular to the line $4x - 2y + 1 = 0$

3. Which equation corresponds to a circle?

(a) $x^2 + y^3 = 4$

(b) $x^2 - y^2 = 1$

(c) $x^2 + y^2 = 9$