

Mastery Check

1) Find the x- and y-intercepts.

$$y = 8 - 3x$$

2) Find the x- and y-intercepts.

$$y = 2x^3 - 4x^2$$

3) State the center and radius.

$$(x - 1)^2 + (y + 3)^2 = 49$$

4) Write the equation of a circle.

Center: (-5, 7) Radius: r = 3