(1) [3 points] Find the midpoint of the line segment joining $P_1 = (-3, 2)$ and $P_2 = (6, 0)$.

(2) [7 points] Find all points on the x-axis that are 5 units from the point (4, -3).

(3) [5 points] Find the x and y intercepts of the graph of $x^2 + y - 9 = 0$

(4) [5 bonus points] Simplify

$$\frac{4x + 20}{9x^2} = \frac{x^2 - 25}{3x}$$