

9 7/100

$$y = x^2 - 8x \quad (3)$$

$$y' = 2x - 8$$

$$0 = 2x - 8 \quad | +8$$

$$8 = 2x \quad | :2$$

$$\boxed{4 = x}$$

$$y(4) = 16 - 32$$

$$y(4) = -16$$

$$\boxed{\text{Min}(4, -16)}$$

$$y(0) = 0$$

$$(0, 0)$$

$$y(10) = 100 - 80$$

$$y(10) = 20$$

$$\boxed{\text{Max}(10, 20)}$$

