

Number:

Textbook Section:

Title:

1. Identify the characteristics and graph the hyperbola given by:

$$\frac{y^2}{9} - \frac{x^2}{25} = 1$$

2. Identify the characteristics and graph the hyperbola given by:

$$\frac{(x-2)^2}{16} - \frac{(y+3)^2}{25} = 1$$

3. Identify the characteristics and graph the hyperbola given by:

$$-4x^2 + y^2 - 24x - 4y - 48 = 0$$