

Number:

Textbook Section:

Title:

General form:

Identify the conic section given by each equation.

1. $4y^2 + 3x - 16y + 19 = 0$

2. $100y^2 + 4x = x^2 + 104$

3. $5x^2 + 5y^2 - 125 = 0$

4. Suppose it was $5x^2 + 5y^2 + 125 = 0$

5. $4x^2 + y^2 + 8x - 4y + 4 = 0$