

Name: _____

Date: _____

Topic: Parabola- Find the Focus, Vertex and the directrix - Worksheet 1

Find the Focus, Vertex and the directrix:

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

2. $x^2 - 3x - 5y - 18 = 0$

3. $x^2 - 3x + 9y - 45 = 0$

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

5. $x^2 - 5x + 3y + 18 = 0$

6. $x^2 + 3x + 3y + 3 = 0$

7. $x^2 + 7y - 28 = 0$

8. $x^2 - 3x - 5y + 6 = 0$

9. $x^2 - 3x - 5y - 10 = 0$

10. $x^2 - 5y - 15 = 0$

