

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.  $x^2 - 3x - 8y - 18 = 0$

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

