

Name \_\_\_\_\_ Date \_\_\_\_\_

Quiz: Parabolas - write the equation for the parabola that has the given characteristics.

1. Focus:  $(-14, 0)$   
Directrix:  $x = 14$

2. Vertex:  $(-1, -2)$   
Directrix:  $y = -13$

3. Vertex:  $(0, 2)$   
Directrix:  $y = 6$

4. Focus:  $(0, 6)$   
Directrix:  $y = -6$

5. Focus:  $(4, 0)$   
Directrix:  $x = -4$

6. Vertex:  $(1, 0)$   
Directrix:  $x = -2$

7. Vertex:  $(0, 0)$   
Focus:  $(0, -1)$

8. Focus:  $(-13, 0)$   
Directrix:  $x = 13$

9. Focus:  $(0, 15)$   
Directrix:  $y = -15$

10. Focus:  $(0, -3)$   
Directrix:  $y = 3$

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%