**Honors Geometry Parabolas – *Change One Thing* Name**

Given the parabola with equation: , *change just one thing in the equation…*

1. So that the parabola opens downwards.
2. So that the parabola is wider.
3. So that the parabola has an axis of symmetry of *x =* -3
4. So that the parabola has a *y*-intercept at (0, 7).
5. So that the parabola has a vertex at (2, 1).
6. So that the parabola has just one root (ie. a double root).
7. So that the parabola has no roots.
8. So that the parabola has roots of 2 and 4.