**ALGEBRA 2 REVIEW WS CH 10 – CONICS (2) Name:**

**Write in standard form and then identify all of the parts that we’ve found in class.**

1. 
2. 
3. 
4. 

**Find an equation for the ellipse that satisfies the given conditions:**

1. Co-vertices (-7, 0)(7, 0), foci (-24, 0)(24, 0)
2. Foci (-6, 0) to (6, 0) major axis 30 units
3. Vertices (25, 0) and (-25, 0), 
4. 

**Find an equation for the ellipse that satisfies the given conditions:**

1. 
2. 
3. 
4. Length of major axis is 10, foci on the   
   x-axis, passes through the point:

**Find an equation for the circle that satisfies the given conditions:**

1. Endpoints of diameter at (4, 1) and (-3, 2)
2. Center (2, -4) and tangent to x-axis