Quadratic Functions

For each quadratic function, find the following:

1. Axis of Symmetry
2. Vertex
3. Y-Intercept
4. X-Intercepts
5. f(x) = x2 + 16x + 64
6. f(x) = 2x2 – 4x – 2
7. f(x) = -x2 + 18x – 75
8. f(x) = -3x2 + 12x – 10
9. f(x) = x2 -12x + 44