Now that you are well on your way to becoming experts on quadratic functions. Create quadratics fulfilling the requirements for each of the following properties:

1. Has two x intercepts
2. Has one x intercept
3. Has no x intercept
4. Has two rational roots
5. Has one rational double root
6. Has one positive and one negative root.
7. Has no roots.
8. Has two irrational roots.
9. Is a reflection over the y-axis