Exam Review

Name: _____Date: _____ Period: _____

Due on Thursday 9/22/2016

Be specific and provide example for each answer.
You can use your note or find the answer online. Provide the link if your answer is from the Internet.

1. Explain how you would solve system of equations by substitution.

2. Explain how you would solve system of equations by elimination.

3. Explain how you would solve for absolute value equation.

4. Explain how you would solve for absolute value inequality.

5. How do you determine if a relation is a function?

6. Explain how you find the rate of change.

7. Rate of change, what does it mean when the slope is zero?

8. What are the models for the explicit formula for arithmetic and geometric sequence?

9. Explain how you would find the 20th term of the sequence.

10. Explain how you would find the axis of symmetry of quadratic equations in standard form.

11. Explain how you would find the axis of symmetry of quadratic equations in vertex form.

12. Explain how you would solve quadratic equations by factoring.

13. Explain how you would solve quadratic equations by completing the square.

14. Explain how you would solve quadratic equations by using quadratic formula.

15. Explain is the significance about the discriminant?

16. What is complex/imaginary number? Explain why you would get complex/imaginary solution?

17. What are the roots/zeros of the equation? Why is it so important to find the roots/zeros for the function?