AFM: Day 1 Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Write the inequalities for the following:
2. For the following relation, determine the following . . .
3. Is it a function? How do you know?
4. Domain?
5. Range?
6. Where is it increasing?
7. Where is it decreasing?
8. f(-1) = \_\_\_\_\_\_\_
9. f(x) = 0 when x = \_\_\_\_\_\_\_\_\_\_
10. Given g(x) = 2x2 – 3x + 4, determine . . .
11. g(2) = b) g(-1) = c) g(x + 1) =