AFM Problem Set 1 NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Factor the following problems **COMPLETELY**. Show all steps if it can be factored more than once.

**PUT FINAL ANSWER IN SPACE PROVIDED. This is graded for ACCURACY!**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_1.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_2. 

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_3.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_4. 

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_5.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_6. 

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_7.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_8. 

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_9.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_10. 

Find the domain for each of the following functions:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_11. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_12.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_13. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_14.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_15. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_16.