Pre-Calculus: 5.1 – 5.2 Review Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Simplifying Trigonometric Expressions and Proving Identities

1. Use basic trig functions to simplify the expression. **Circle your answer!**

1. Write each expression in **factored form** as and algebraic expression of a single trigonometric function.
2. Find all solutions in the interval for either A or B of #2.
3. Prove the identity. – **Box your prize!**