**Geometry Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Homework – Solving Right Triangles Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**YOU MUST SHOW THE TRIG RATIO! Use the trig functions and their inverses to find the missing sides or angles. Round all lengths to the nearest hundredth (5.23 feet) and all angles to the nearest degree (470).**

1. \_\_\_\_\_\_\_\_\_\_ 2. \_\_\_\_\_\_\_\_\_\_ 3. \_\_\_\_\_\_\_\_\_\_

4. \_\_\_\_\_\_\_\_\_\_ 5. \_\_\_\_\_\_\_\_\_\_ 6. \_\_\_\_\_\_\_\_\_\_

7. \_\_\_\_\_\_\_\_\_\_ 8. \_\_\_\_\_\_\_\_\_\_ 9. \_\_\_\_\_\_\_\_\_\_

10. \_\_\_\_\_\_\_\_\_\_ 11. \_\_\_\_\_\_\_\_\_\_ 12. \_\_\_\_\_\_\_\_\_\_

