Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Review for Quiz

1. Solve the triangle: , 
2. Solve the triangle: , 
3. You are skiing down a mountain with a vertical height of 1200 feet. The distance from the top of the mountain to the base is 1800 ft. What is the angle of elevation from the base to the top of the mountain?
4. A plane travels on a bearing of for 3 hours at 280mph. It then changes direction and travels on a bearing of for 2 hours at 200mph. What is the distance from the airport to the plane at the end of the 5 hour trip? What is the bearing from the plane to the airport at the end of the trip?