

Chapter 9 Test

1. 69.5° , 69.5° , 41.0° 2. 549 m 3. $72\sqrt{2}$ in² 4. 452
5.a. 1 b. 2 6. 56.9 km from A, 37.1 km from B
7. 29.9° 8. 28.7 nautical miles 9. Use the law of cosines, because it (unlike the law of sines) can distinguish between obtuse and acute angles.