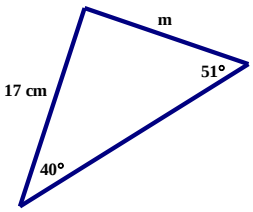
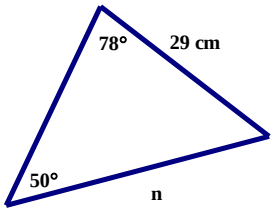
The Law of Sines Practice

Use the Law of sines to find each side length. Show all work! Round your answers to the tenth.

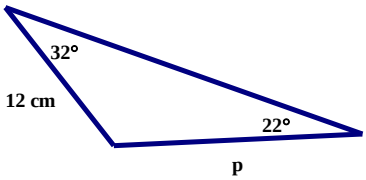
1. b ≈ _____



2. c ≈ _____

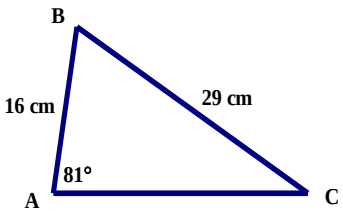


3. a ≈ _____

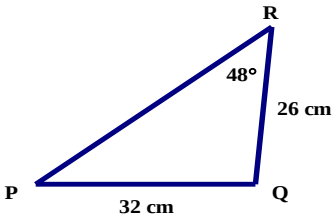


Use the Law of Sines to find each missing angle measure. **Show all work!** Round your answers nearest tenth.

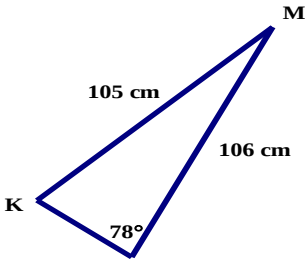
4. m∠C ≈ _____



5. m∠A ≈ _____

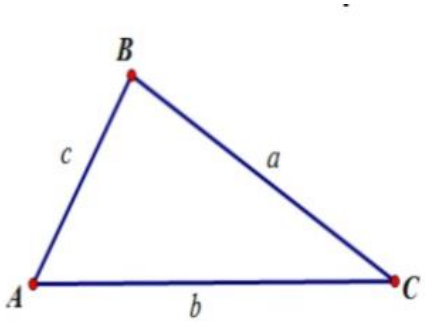


6. m∠B ≈ _____



Use the Law of sines to solve each triangle. **Sketch the triangle and show all work!** Round your answers to the nearest tenth of a unit.

7) ΔABC

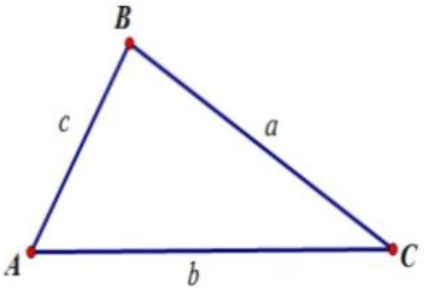


m∠A = _____ a = 117

m∠B = 36° b = _____

m∠C = 117° c = _____

2. ΔABC

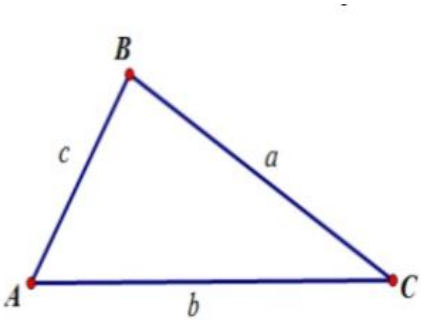


m∠A = 102° a = _____

m∠B = 46° b = _____

m∠C = _____ c = 89.4

3. ΔABC

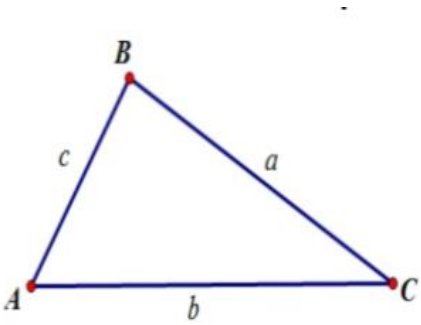


m∠A = _____ a = _____

m∠B = 151° b = 412.6

m∠C = 19° c = _____

4. ΔABC



m∠A = 24° a = _____

m∠B = 39° b = _____

m∠C = _____ c = 102