Name_____ Date _____

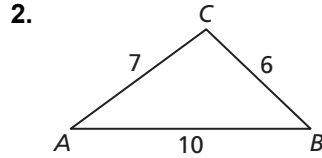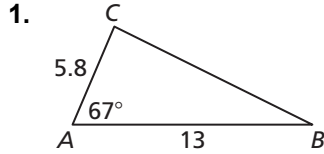## 9.4 Practice B

**In Exercises 1–5, solve △ABC. Round decimal answers to the nearest tenth.**
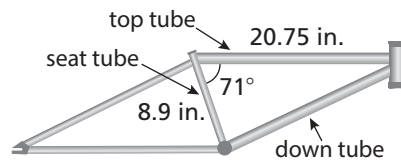
**1.**



**2.**



**3.**
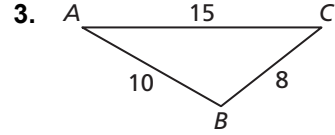


**4.** $a = 15,\ b = 18,\ c = 19$

**5.** $a = 51,\ B = 19°,\ c = 61$

**In Exercises 6 and 7, find the area of △ABC. Round your answer to the nearest tenth.**

**6.**



**7.**
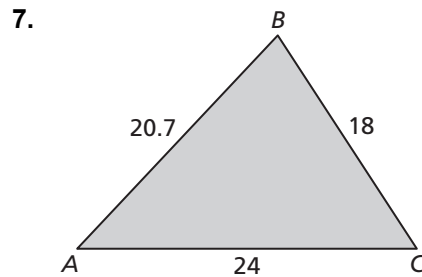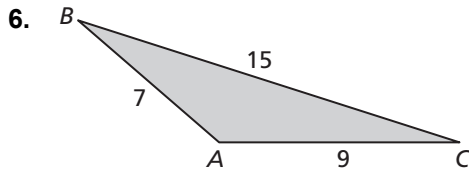


**8.** A bike frame has a top tube length of 20.75 inches, a seat tube length of 8.9 inches, and a seat tube angle of 71°.



   **a.** Find the approximate length of the down tube.

   **b.** Find the angle between the seat tube and down tube.