Name _____ Date _____

In Exercises 1–3, solve △ABC. **Round decimal answers to the nearest tenth.**
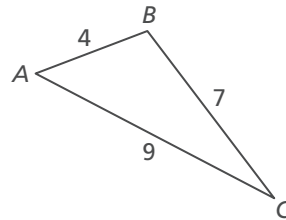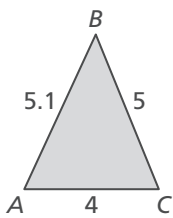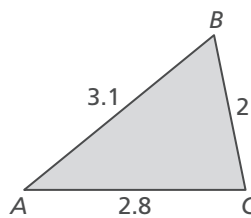
1.
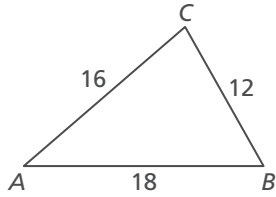
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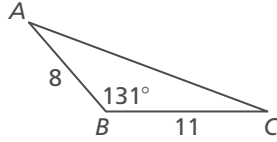
3.

In Exercises 4 and 5, find the area of △ABC. **Round your answer to the nearest tenth.**

4.

5.

6. Place each triangle case into one of the three categories according to the first step in solving the triangle.

Law of Sines	Law of Cosines	Neither

AAA   AAS   ASA   SSS   SSA   SAS

7. Determine the measure of angle A in the design of the streetlamp shown in the diagram.