## Polygon Measurement

Short-answer questions about measurement in polygons.

## Triangle Heights

Adjust the figures to find the requested heights.

Geogebra link: https://tube.geogebra.org/m/kta9hbuf

**Question** 1 In  $\triangle ABC$  above, the height to base  $\overline{AB}$  is  $\boxed{3.511}$ .

**Hint:** You may move point D. A height is the length of an altitude, which must be perpendicular to the line containing the chosen base.

Geogebra link: https://tube.geogebra.org/m/a888zyw2

**Problem 2** In  $\triangle ABC$  above, the height to base  $\overline{AB}$  is  $\boxed{3.585}$ .

**Hint:** You may move point D. A height is the length of an altitude, which must be perpendicular to the line containing the chosen base.

Author(s): Brad Findell