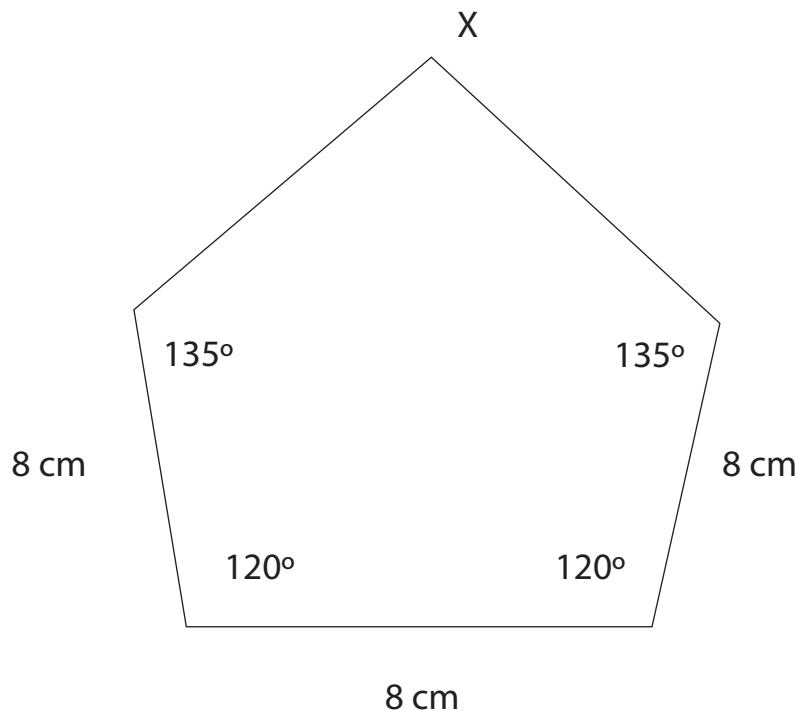


Below is a drawing of a pentagon. The two sloping sides of the house are equal in length.

Find the angle at X.



Use ruler and compass to construct a scale drawing of the pentagon.

Check the angle sizes using a protractor.

Find the height of the point X above the ground by direct measurement.