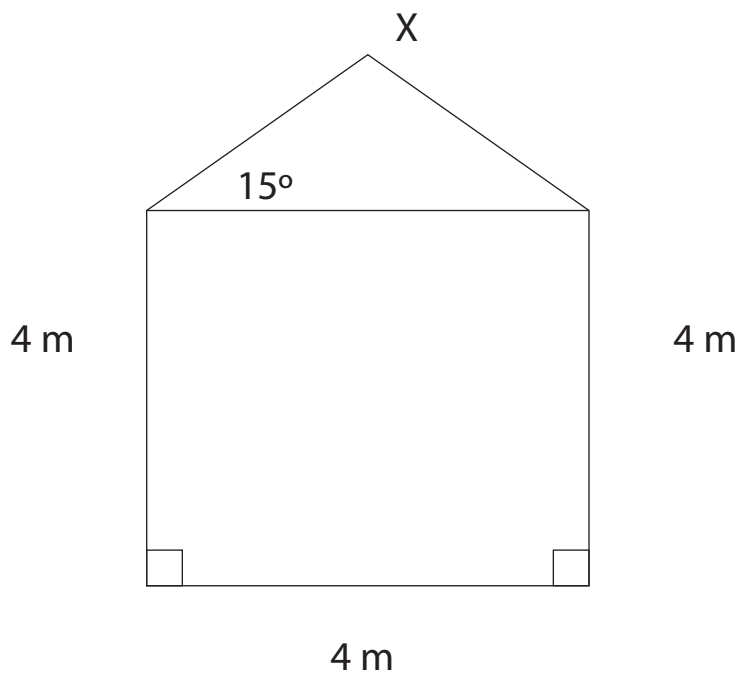Below is a drawing of the side of another house. The two sloping sides of the house are equal in length.

Find all of the angles of the pentagonal shape.

X

15º

4 m

4 m

4 m

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

Check the angle sizes using a protractor.

This side of the house badly needs painting. A 1 litre can of paint will cover 4 m2 and costs $5. How much will it cost for the paint in order to put one coat of paint on the side of the house?