The moose warning sign at the left is an equilateral triangle. The height of the sign is 1m. Find the length s of each side of the sign to the nearest tenth of a meter.

Hint: The triangle is equilateral, so the altitude divides the triangle into two 30°-60°-90° triangles.

A. On #1, how do you prove/ show that the hypotenuse of a 30-60-90 triangle is 2s?

B.

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Check your Answer:

Side= 1.155m (approximate answer)

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