

Toothpick Activity

Create different sized triangles using the ladder (toothpick) and the wall.



Describe the triangle created (the angle and the sides at the wall/ground).



Describe the triangle created (the angle and the sides at the wall/ground).



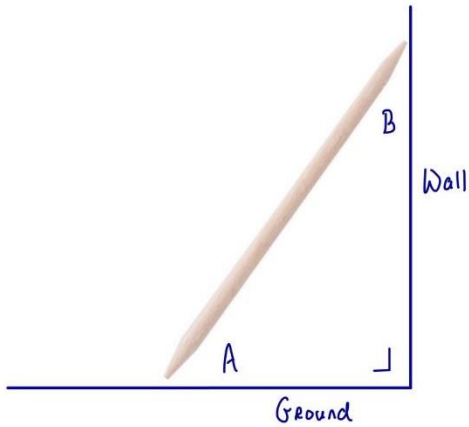
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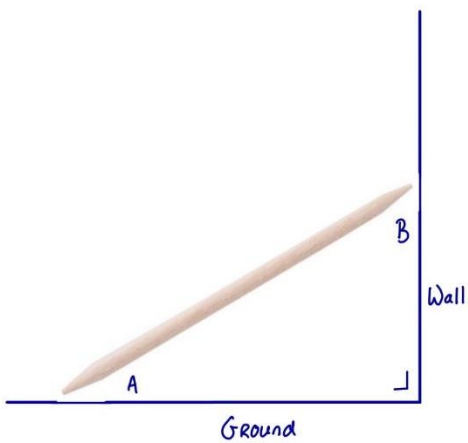
Measure, using a ruler, the lengths of the wall and ground for a variety of angles.



Acute angle of 60 degrees at A (measured with protractor). B must be 30 degrees.

Wall =

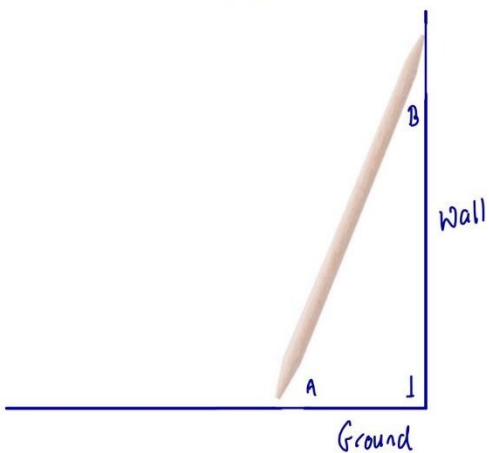
Ground =



Acute angle of 30 degrees at A (measured with protractor). B must be 60 degrees.

Wall =

Ground =



Acute angle of 75 degrees at A (measured with protractor). B must be 15 degrees.

Wall =

Ground =