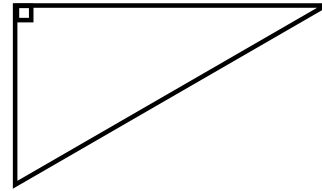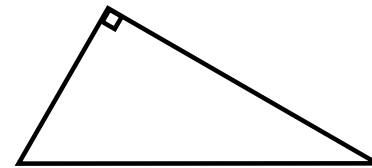<u>2.2 Finding Lengths with Tangent</u>
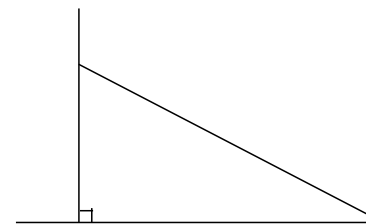
ex. Find the length of $\overline{BC}$ to the nearest tenth of a unit.

ex. Find the length of $\overline{PQ}$ to the nearest tenth of a unit.
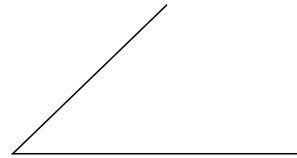
ex. A rope supports a vertical tent pole. The rope forms a 33° with the ground. Rope is staked into the ground 10 m from the base of the tent pole. Find height BC to the nearest tenth of a meter.

Pg. 82 #4, 6, 8, 9, 10, 12, 15, 16

2.3 Measuring Heights indirectly

* A [＿＿＿＿] is a tool that measures angles of [＿＿＿＿] and angles of [＿＿＿＿]

＿＿＿＿＿＿＿＿＿

ex. Find the height of the tree (or any other object)

1.5 m

18 m

h = ?