Using trigonometry to calculate length



[Not drawn to scale]

Jake measured the height of a building. He stood 30 m away and measured the angle to the top of the building as 58°.

Which method did Jake use to work out the height of the building (h)?



(E) None of these. The correct method is _____



[Not drawn to scale]

Whetu is building a skateboard ramp. He wants it to be at an angle of 24° and 2 m long. Which method would Whetu use to work out the length of the base (*b*)?

b) (A)	2 cos 24º	(B)	2 sin 24º	(C)	2 tan 24º	(D)	2 cosec 24º

(E) None of these. The correct method is

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