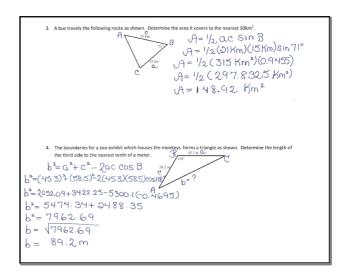


Jun 2-11:58 AM



Jun 2-12:01 PM

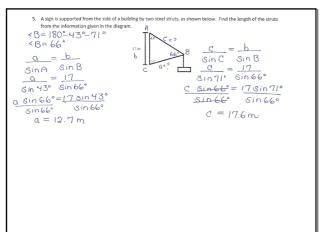
During basketball practice the players performed the following drill. Player B threw the ball to player A, who
directed it through an angle of 58° to player C as show in the diagram below. To the nearest degree determin
the measure of the acute angle θ in the diagram.

 $\frac{\sin C}{c} = \frac{\sin A}{\alpha}$ $\frac{\sin C}{\cos \alpha} = \frac{\sin 58^{\circ}}{9.5m}$

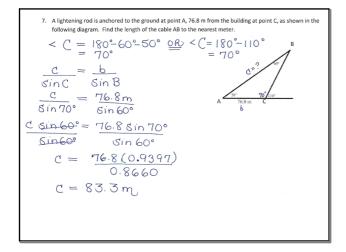
9.5m 9.5m 9.5 9.0 Sin 58° 9.5 9.5

Sin C = 0.8034

 $C = \sin^{-1}(0.8034)$ $C = 53^{\circ}$ * Change 7.5 +0 9.5!



Jun 2-12:01 PM Jun 2-12:01 PM



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