

Sine, Cosine and Tangent (d) Solutions

- 1.75m
 - 173.2m
 - 60.25°
- 35m
 - 61m
- $\alpha = 68.2^\circ, \beta = 59^\circ$
- 30m
 - 71.57°
- Yes it is possible. The diagonal of the desk is 4.84m and the width of the room is 5m.
- 84m
 - 866m
 - The plane will pass over after approximately 20 seconds whereas the boat will take 30 seconds.