14 A sportsman hits a ball with a bat.
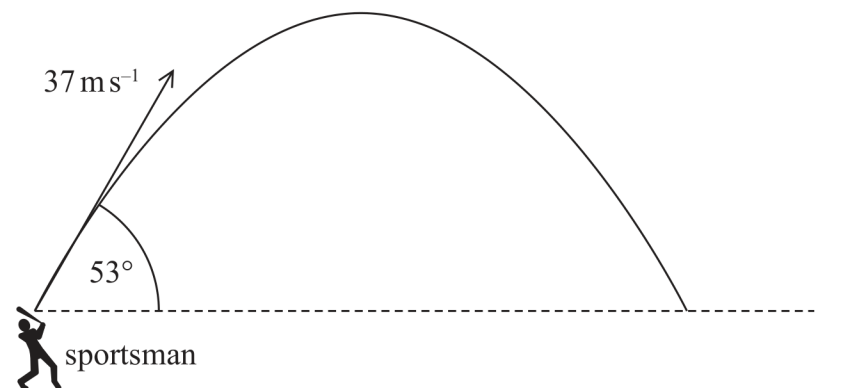
The ball leaves the bat at a speed of $37\,\mathrm{m\,s^{-1}}$ at an angle of 53° to the horizontal, as shown.

Calculate the horizontal distance travelled by the ball before returning to the height it was hit from.

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Horizontal distance = ...

(Total for Question 14 = 4 marks)