





(b) Determine the vertex of y = h(x). Interpret the meaning of this vertex in the context of the problem.

Football is 25 feet high it has travelled 75 feet in distance

(c) The goal post is 10 feet high and 45 yards away from the kick. Will the ball be high enough to pass over the goal post? [Justify your answer.]

45 yards = 135 feet

At 135 feet distance the ball is oxly 9ft high

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