

$$\tan A = \frac{\sin A}{\cos A}$$
$$3 \tan x = 11 \tan \alpha \quad (5)$$
$$4\sin(3y + 45)^\circ = 7\sin(3y - 45)^\circ \text{ for } 0 \leq y \leq 180 \quad (6)$$
[illegible]



Question 8 continued

(Total for Question 8 is 11 marks)

