

3 Solve, in degrees to 1 decimal place, for  $0 \leq \theta < 180$

$$2 \cos(2\theta + 30)^\circ + \tan(2\theta + 30)^\circ = 0$$

(6)

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

**Question 3 continued**

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

**(Total for Question 3 is 6 marks)**