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- 3 (a) Find the set of possible values of p for which the equation $3x^2 + px + 3 = 0$ has no real roots. (3)
- (b) Find the **integer** values of q for which the equation $x^2 + 7x + q^2 = 0$ has real roots. (3)

(Total for Question 3 is 6 marks)

