

7 Arthur has 10 cards.

Each card has a letter on it and the letters spell the word **PICCADILLY**



Arthur selects at random 3 of these cards.

Calculate the probability that he selects **P A L** in that order.

(Total for Question 7 is 3 marks)

8 Without using a calculator and showing all your working, solve the inequality

$$6x^2 - x - 12 > 0$$

(Total for Question 8 is 3 marks)

