

$$-2x - 4 < 3x + 6 \leq 21 - 2x \quad (3)$$

(b) Solve the inequality  $4x^2 - 8x < 21$  (3)

(c) Hence represent on the number line on the opposite page, the set of values of  $x$  for which

$$-2x - 4 < 3x + 6 \leq 21 - 2x \text{ and } 4x^2 - 8x < 21 \quad (2)$$

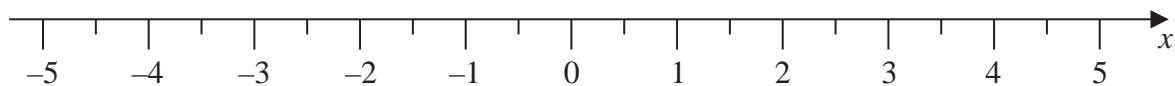


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### Question 2 continued



Area for writing answers, consisting of multiple horizontal dotted lines.

(Total for Question 2 is 8 marks)

