5. **In this question you must show all stages of your working.**

Solutions relying entirely on calculator technology are not acceptable.

Use algebra to determine the set of values of x for which

$$\frac{x^2 - 9}{|x + 8|} > 6 - 2x$$

(6)

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Question 5 continued

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Question 5 continued

(Total for Question 5 is 6 marks)