Question Number	Scheme	Marks
2.	$3(x^2+2x+1)<9-x$ $3x^2+7x-6<0$ $(3x-2)(x+3)<0$ $-3<x<\frac{2}{3}$	 M1 A1 M1 A1 (4)

Notes

Question 2

M1 for obtaining a 3TQ equation or expression (=0 not required for this mark)

A1 for attempting to find their critical values as far as $x = \ldots$ (We are treating this as an M mark)

M1 for choosing the **inside** region for their critical values.

A1 cao for $-3< x < \frac{2}{3}$. Accept $-3< x$ **and** $x < \frac{2}{3}$ and $-3< x \cap x < \frac{2}{3}$.

Do not accept $-3< x$ **or** $x < \frac{2}{3}$, or $-3< x$ **,** $x < \frac{2}{3}$ .These are all A0

Use of $\leq$ loses the final A mark