

4. (a) Sketch the graph with equation

$$y = |2x - 5|$$

stating the coordinates of any points where the graph cuts or meets the coordinate axes.

(2)

- (b) Find the values of  $x$  which satisfy

$$|2x - 5| > 7$$

(2)

- (c) Find the values of  $x$  which satisfy

$$|2x - 5| > x - \frac{5}{2}$$

Write your answer in set notation.

(2)