

7 (a) On the pair of axes in the Printed Answer Booklet, sketch the graphs of

- $y = 2x + 4$

- $y = \frac{2}{x}$  [2]

(b) Determine the  $x$ -coordinates of the points of intersection of the line  $y = 2x + 4$  and the curve  $y = \frac{2}{x}$ , giving your answers in an exact form. [5]