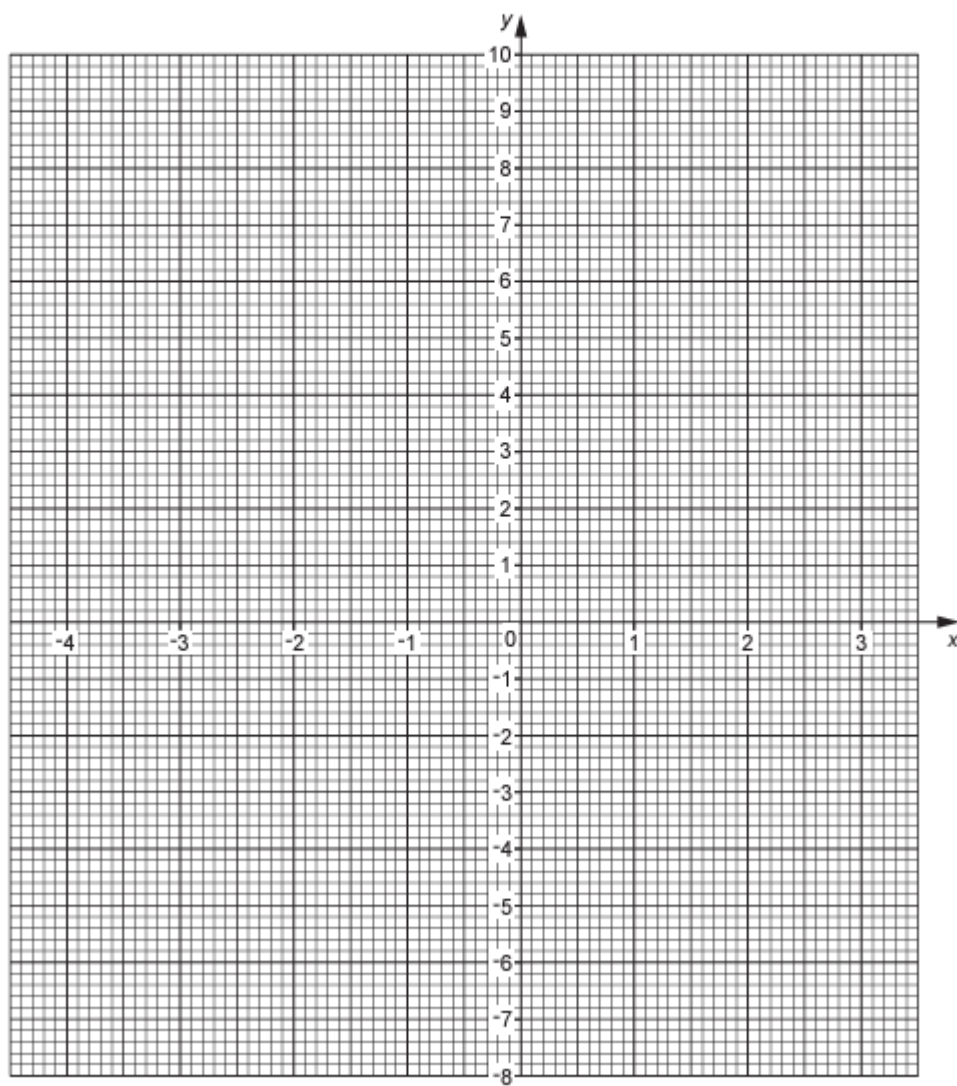


- 5 (a) Complete this table for  $y = x^2 + x - 4$ .

|     |    |    |    |    |    |   |   |   |
|-----|----|----|----|----|----|---|---|---|
| $x$ | -4 | -3 | -2 | -1 | 0  | 1 | 2 | 3 |
| $y$ |    | 2  |    | -4 | -4 |   | 2 |   |

[2]

- (b) Draw the graph of  $y = x^2 + x - 4$  for  $-4 \leq x \leq 3$ .



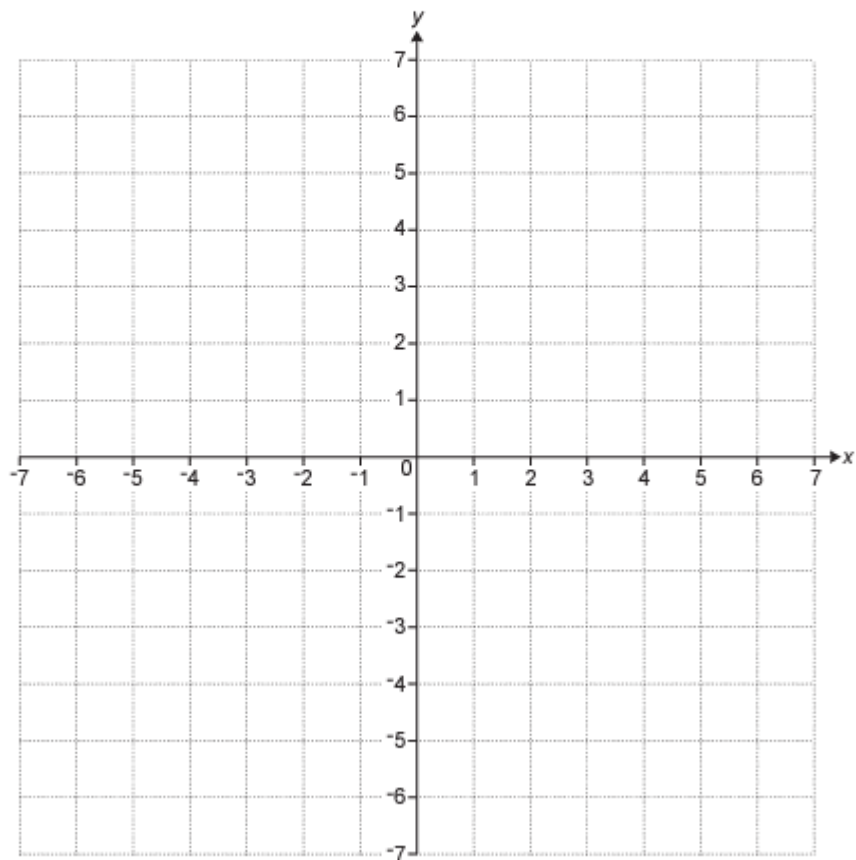
[3]

- 8 (a) Complete the table for  $y = \frac{6}{x}$ .

|     |    |    |    |    |   |   |   |   |
|-----|----|----|----|----|---|---|---|---|
| $x$ | -6 | -3 | -2 | -1 | 1 | 2 | 3 | 6 |
| $y$ | -1 | -2 |    | -6 | 6 | 3 | 2 | 1 |

[1]

- (b) Draw the graph of  $y = \frac{6}{x}$  for  $-6 \leq x \leq 6$ ,  $x \neq 0$ .



[3]