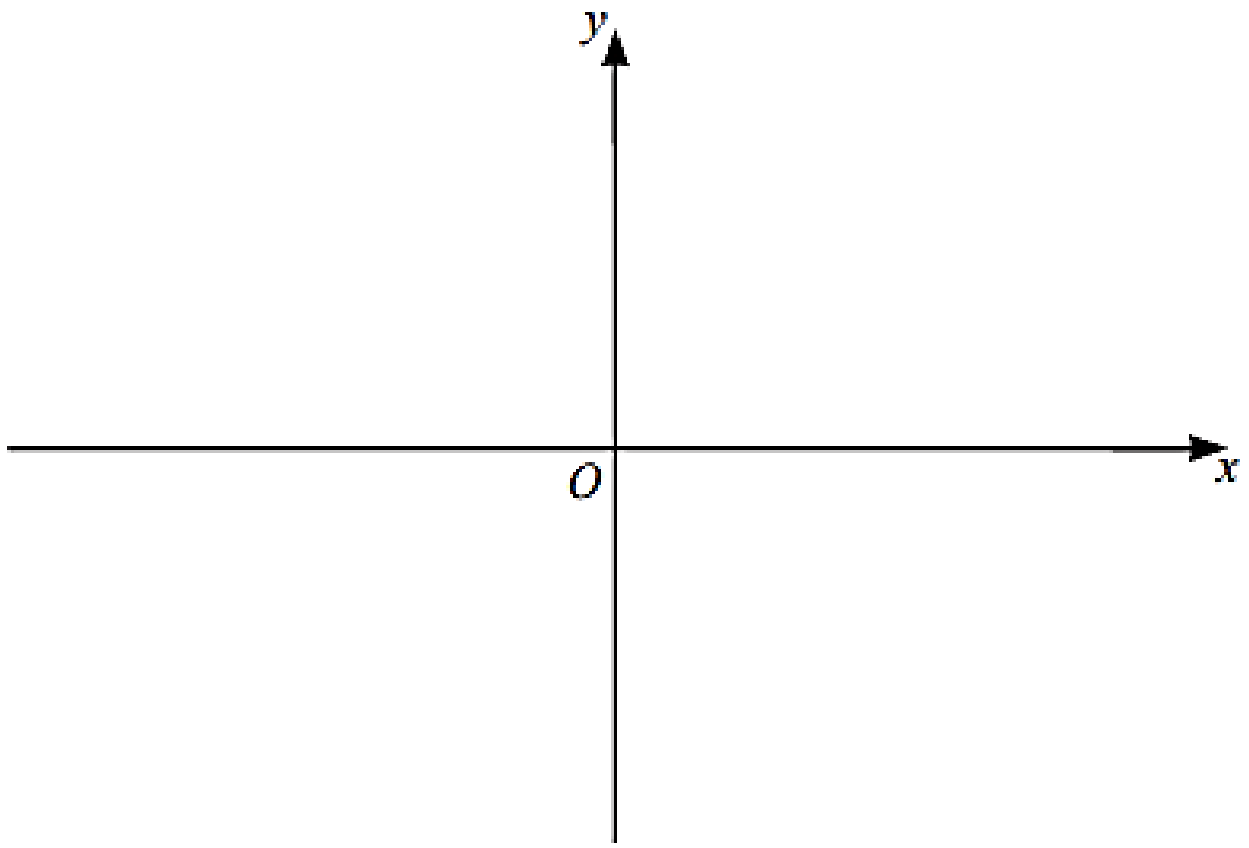
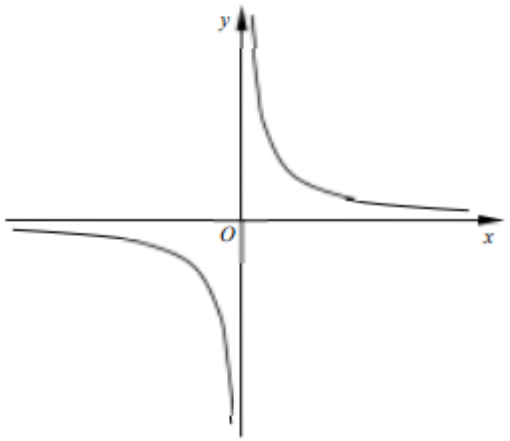
(b) (i)

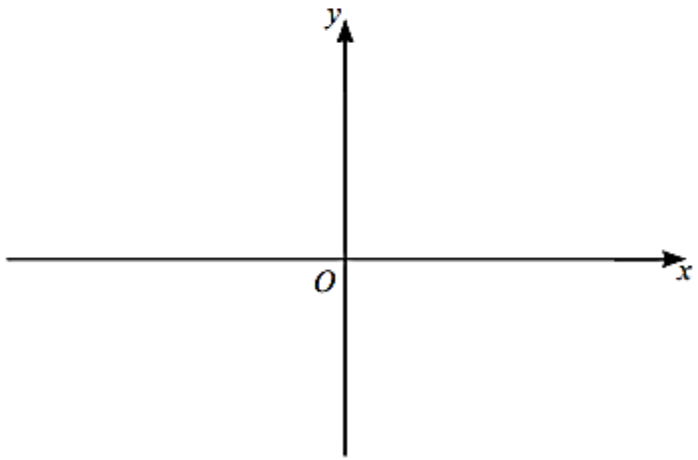


On the diagram, sketch the graph of $y = \frac{1}{2x}$, $x \neq 0$. [2]

7(b)(i)	Correct sketch  	**2**	**B1** for one branch correct or an attempt at the correct shape Maximum 1 mark if sketch crosses x-axis or y-axis

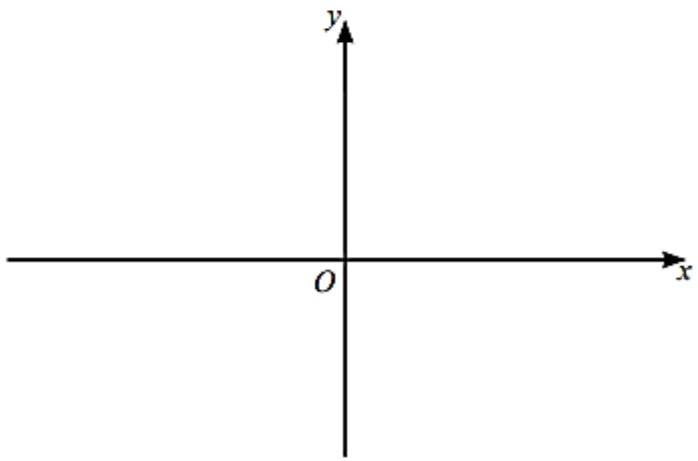
21 On the axes, sketch the graph of each of these functions.

(a) $y = \frac{1}{x}$

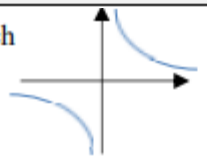
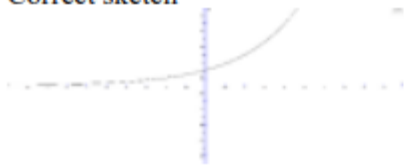


[2]

(b) $y = 4^x$

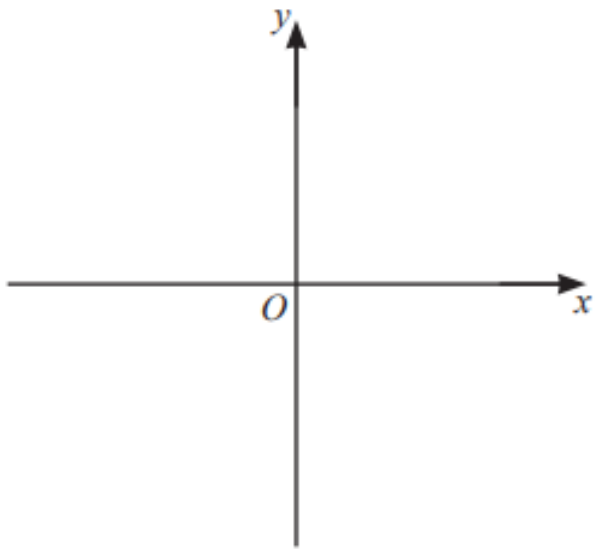


[2]

Question	Answer	Marks	Partial Marks
21(a)	Correct sketch 	2	**B1** for one correct branch or attempt at correct shape
21(b)	Correct sketch 	2	**B1** for correct shape but crossing x-axis or correct shape but just in one quadrant

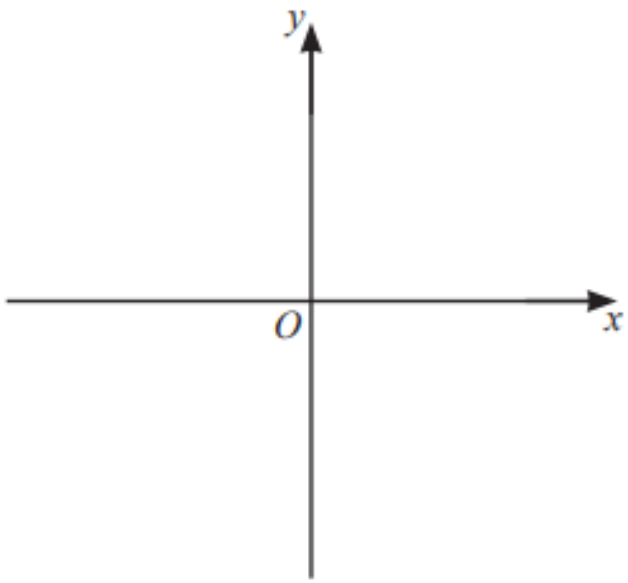
24 On the axes, sketch the graph of each of these functions.

(a) $y = \frac{2}{x}$

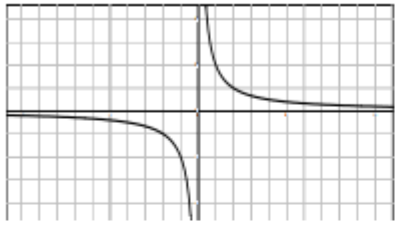


[2]

(b) $y = 2^{-x}$



[2]

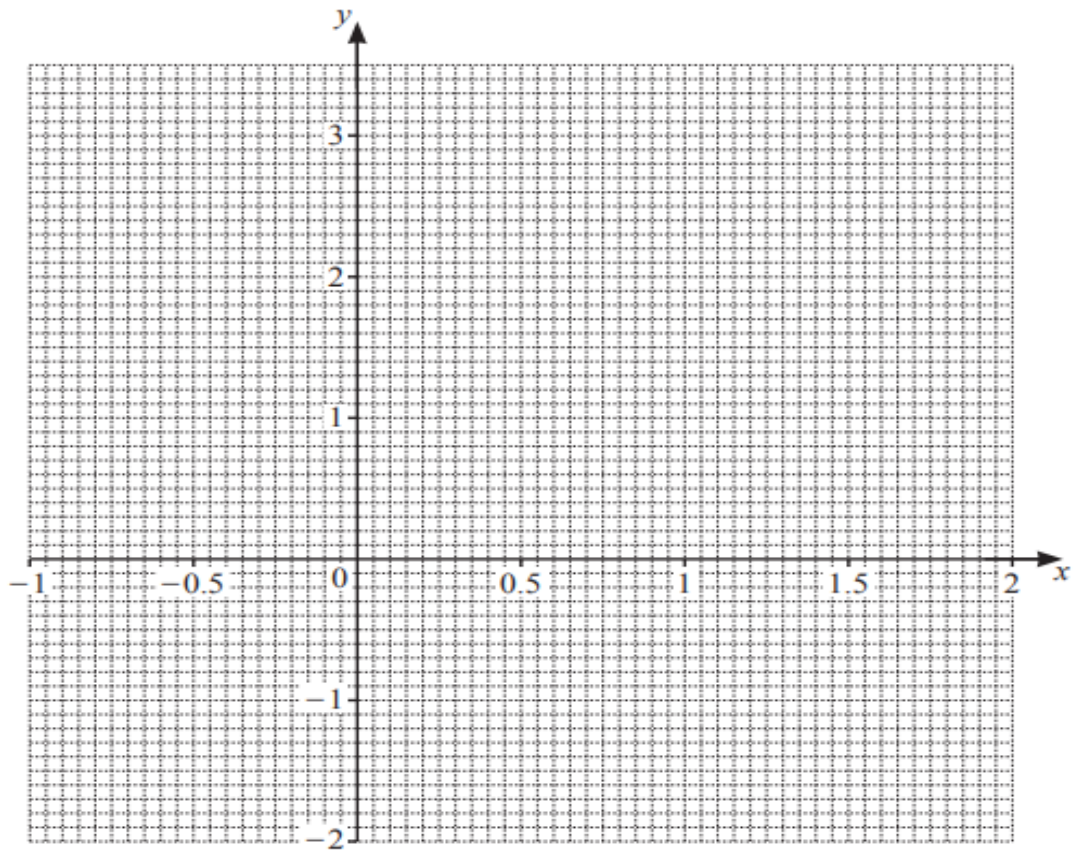
Question	Answer	Marks	Partial Marks
24(a)	Correct sketch 	**2**	**B1** for one correct branch or attempt at correct shape
24(b)	Correct sketch 	**2**	**B1** for correct shape but crossing x-axis or for correct shape but just drawn in one quadrant

2 The table shows some values for $y = 2 \times 0.5^x - 1$.

x	-1	-0.5	0	0.5	1	1.5	2
y	3	1.83		0.41	0	-0.29	

(a) (i) Complete the table. [2]

(ii) On the grid, draw the graph of $y = 2 \times 0.5^x - 1$ for $-1 \leqslant x \leqslant 2$.



[4]

Question	Answer	Marks	Partial Marks
2(a)(i)	1, –0.5 oe	**2**	**B1** for each
2(a)(ii)	Correct curve	**4**	**B3FT** for 6 or 7 correct plots or **B2FT** for 4 or 5 correct plots or **B1FT** for 2 or 3 correct plots