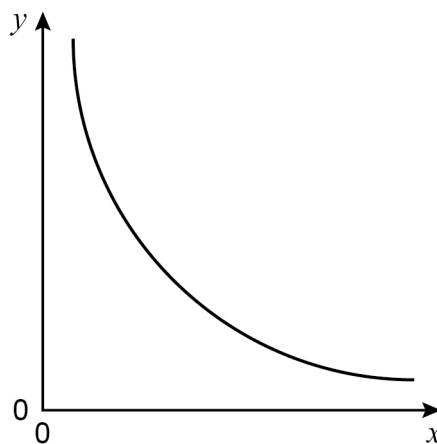


1 Here is a sketch of a graph.



Circle the equation of the graph.

k is a constant.

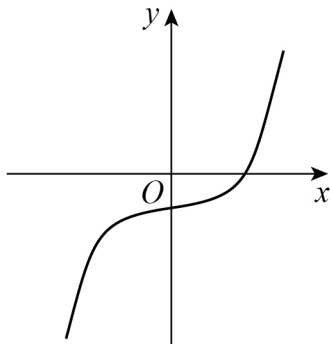
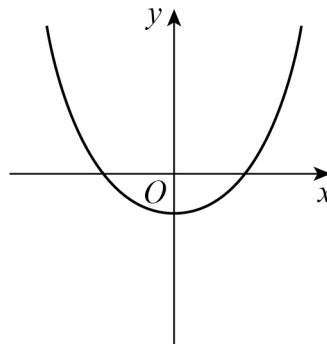
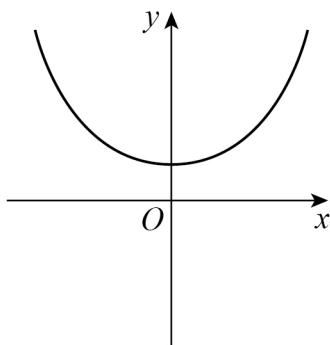
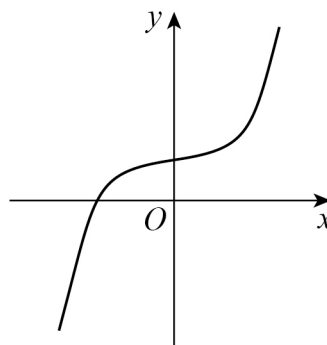
[1 mark]

$$y = kx$$

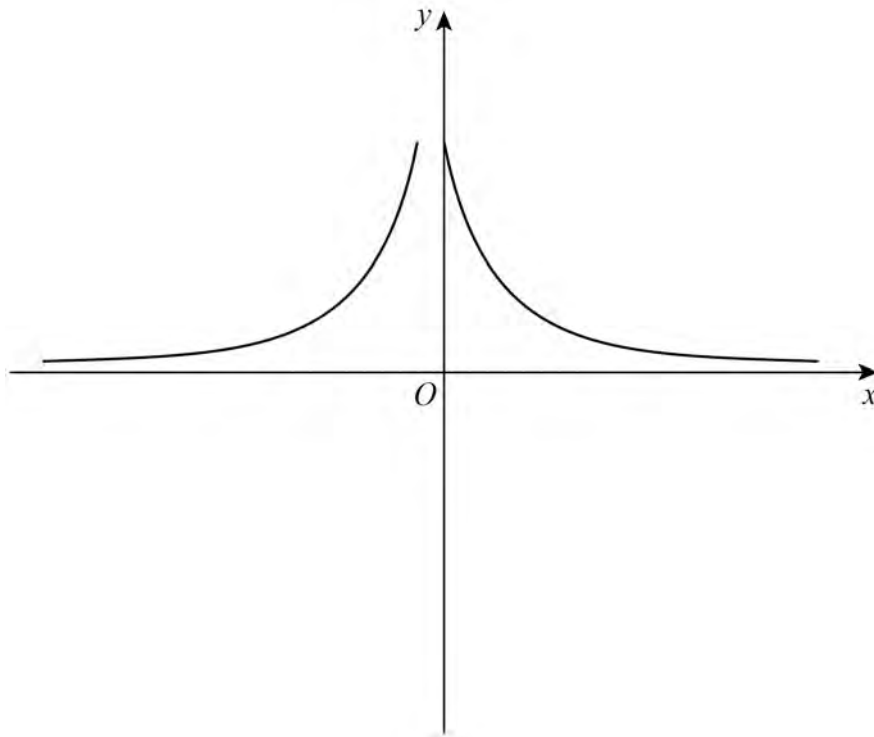
$$y = k + x$$

$$y = k - x$$

$$y = \frac{k}{x}$$

2Circle the letter of the possible sketch graph of $y = x^3 - 4$ **[1 mark]****A****B****C****D**

- 3 Erika tries to sketch the graph $y = \frac{1}{x}$ with $x \neq 0$



Make **two** different criticisms of her sketch.

[2 marks]

Criticism 1 _____

Criticism 2 _____
