

Name: _____

BennettMaths AQA 1F – Part 3

21 $2^a \times 3^2 \times 5 = 360$

Work out the value of a .

You **must** show your working.

[3 marks]

$a =$ _____

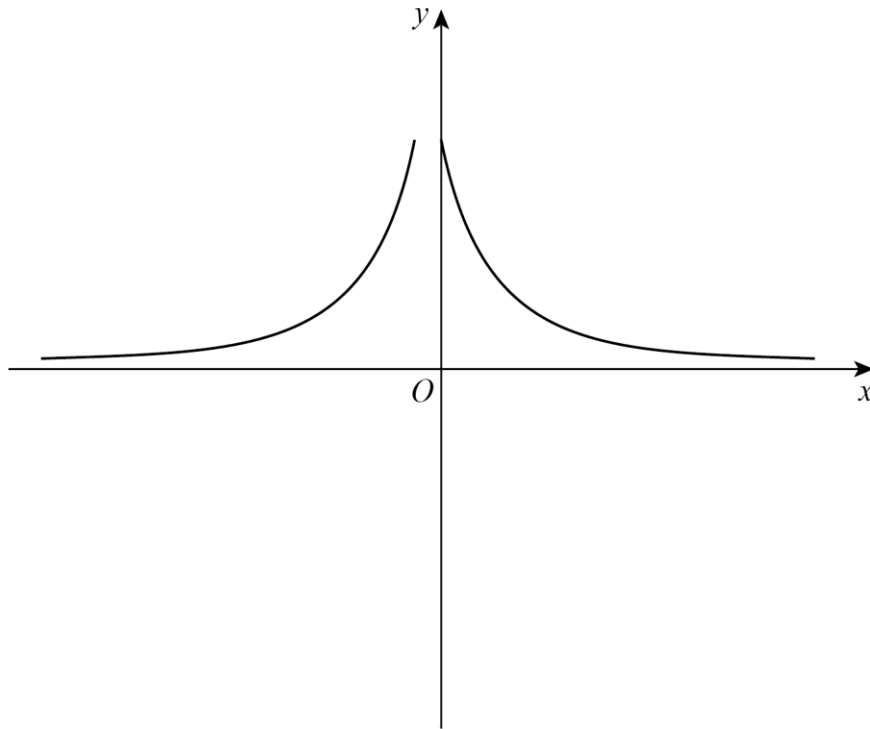
22 Expand and simplify fully $2(5x + 6) - 3(x - 2)$

[2 marks]

Answer _____

23

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 _____

Turn over for the next question

[5 marks]

Answer _____

25

Work out $3\frac{1}{4} \div \frac{2}{5}$

Give your answer as a mixed number.

[4 marks]

Answer _____

END OF QUESTIONS