



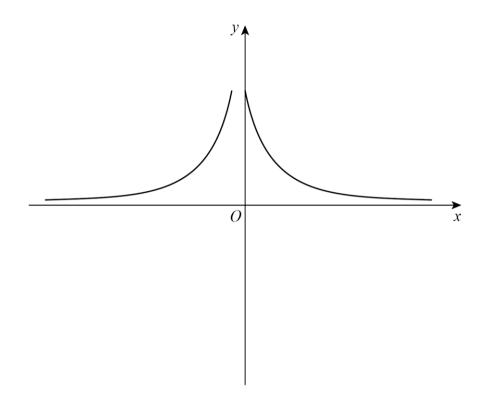
Name:	

BennettMaths AQA 1F – Part 3

	$2^a \times 3^2 \times 5 = 360$	
	Work out the value of <i>a</i> .	
	You must show your working.	[3 marks]
	<i>a</i> =	
22		
22	Expand and simplify fully $2(5x+6)-3(x-2)$	[2 marks]
	Answer	

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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

Do not write outside the box

Wenjie is x years old.			
Megan is five years older than Wenjie.			
Conor is three times Wenjie's age.			
The mean of their ages is 35			
How old is Conor ?			
	[5 marks]		
Answer			
	Megan is five years older than Wenjie. Conor is three times Wenjie's age. The mean of their ages is 35		

25	Work out $3\frac{1}{4} \div \frac{2}{5}$	
	Give your answer as a mixed number.	[4 marks]
	Answer	
	END OF QUESTIONS	