



BennettMaths AQA 1H - Part 1

		Answer all questions in the spaces provided.	
1	(a)	Work out 0.3 × 0.2	[1 mark]
1	(b)	Answer Work out $\frac{4}{5} \div 7$	
		5	[1 mark]
		Answer	
1	(c)	Work out 16 ÷ 0.2	[1 mark]
		Answer	
2		Solve 5 <i>x</i> < 60	[1 mark]
		Answer	

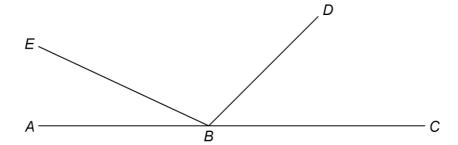
3 Work out the value of $\left(\frac{5}{3}\right)^2$

Give your answer as a mixed number.

[1 mark]

Answer

4 ABC, BD and BE are straight lines.



Not drawn accurately

angle $EBD = 6 \times \text{angle } ABE$

angle $DBC = 3 \times \text{angle } ABE$

Work out the size of angle DBC.

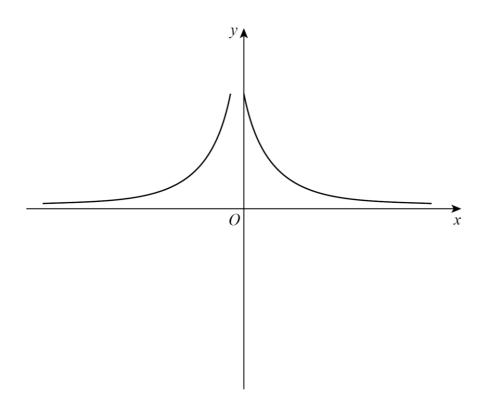
[3 marks]

Answer _____

5	Two prime numbers are multiplied together.	
	The answer is an even number between 40 and 50	
	Complete the calculation.	[3 marks]
	Chloe and Mikey share some money in the ratio 3:4 Mikey gets £72	
	Chloe gives $\frac{1}{6}$ of her share to Pippa. Mikey gives $\frac{4}{9}$ of his share to Pippa.	
	How much money does Pippa receive?	[4 marks]
	Answer £	

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

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



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

[2]	ma	rks
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Criticism 1

Criticism 2

Megan is five years older than Wenjie. Conor is three times as old as Wenjie. The mean of their ages is 35. How old is Conor?	[5
The mean of their ages is 35.	[5
	[5
	[5
Answer	
Turn over for the next question	
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