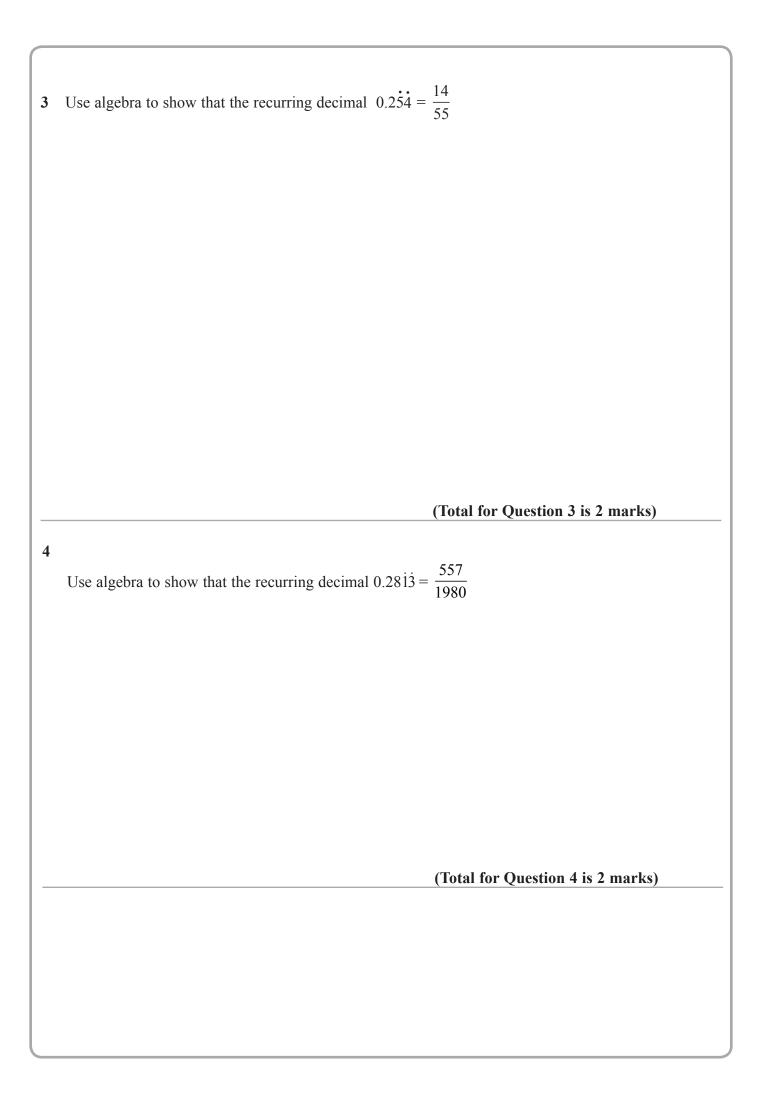
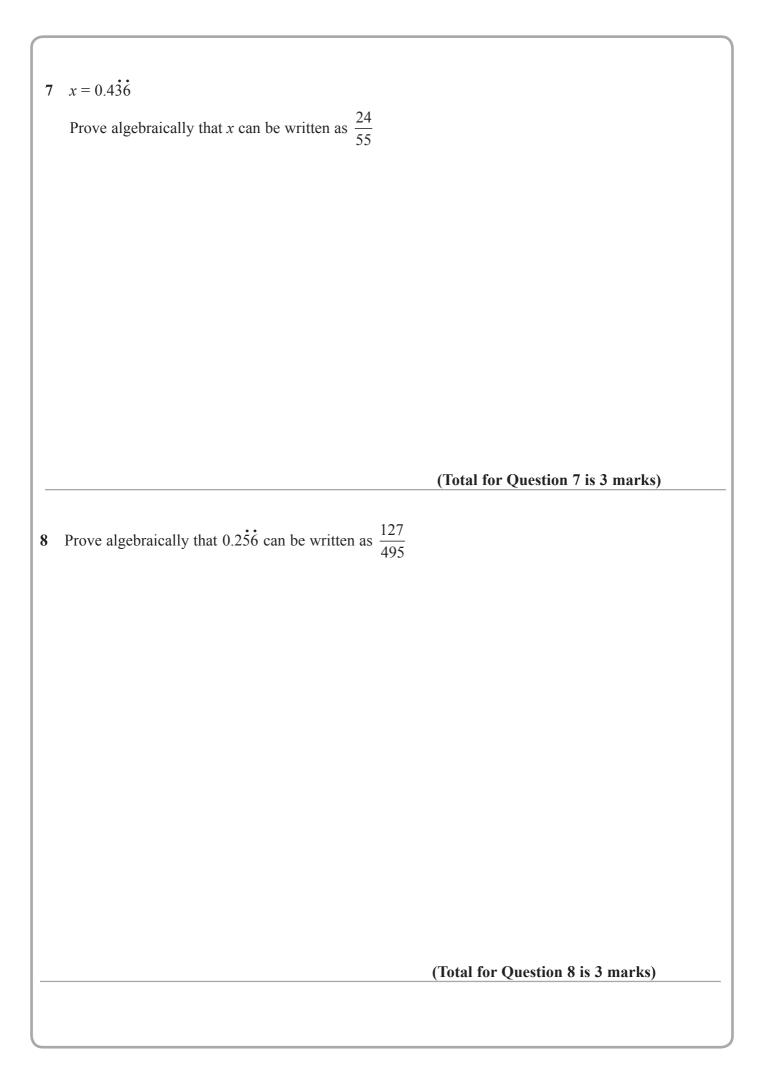
1	1 Ted is trying to change 0.43 to a fraction.	
	Here is the start of his method.	
	x = 0.43	
	10x = 4.34	
	10x - x = 4.34 - 0.43	
	Evaluate Ted's method so far.	
	(To	tal for Question 1 is 1 mark)
_	(10	tai for Question 1 is 1 mark)
2	2 Prove algebraically that 0.73 can be written as $\frac{11}{15}$	
	(Tot	al for Question 2 is 2 marks)



5 Express 0.117 as a fraction. You must show all your working.	
	(Total for Question 5 is 3 marks)
	(Total for Question 5 is 3 marks)
	(Total for Question 5 is 3 marks)
	(Total for Question 5 is 3 marks)
	(Total for Question 5 is 3 marks)
	(Total for Question 5 is 3 marks)

6	Using algebra, prove that $1.06\dot{2}$ can be written as $1\frac{14}{225}$
_	(Total for Question 6 is 3 marks)



9		
	Express 0.418 as a fraction.	
	Var annat al arreal formations	
	You must show all your working.	
		(Total for Question 9 is 3 marks)
_		(100011011 Question 2 10 0 11101110)

10 Using algebra, prove that $0.1\dot{3}\dot{6} \times 0.\dot{2}$ is equal in value to $\frac{1}{33}$
(Total for Question 10 is 3 marks)

11	
	$0.4\dot{x}$ is a recurring decimal. x is a whole number such that $1 \le x \le 9$
	Find, in terms of x , the recurring decimal $0.4\dot{x}$ as a fraction. Give your fraction in its simplest form. Show clear algebraic working.
	(Total for Question 11 is 3 marks)
	(Total for Question 11 is 3 marks)
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