

Q1.

Show that the recurring decimal $0.396 = \frac{44}{111}$

(Total for question = 2 marks)

Q2.

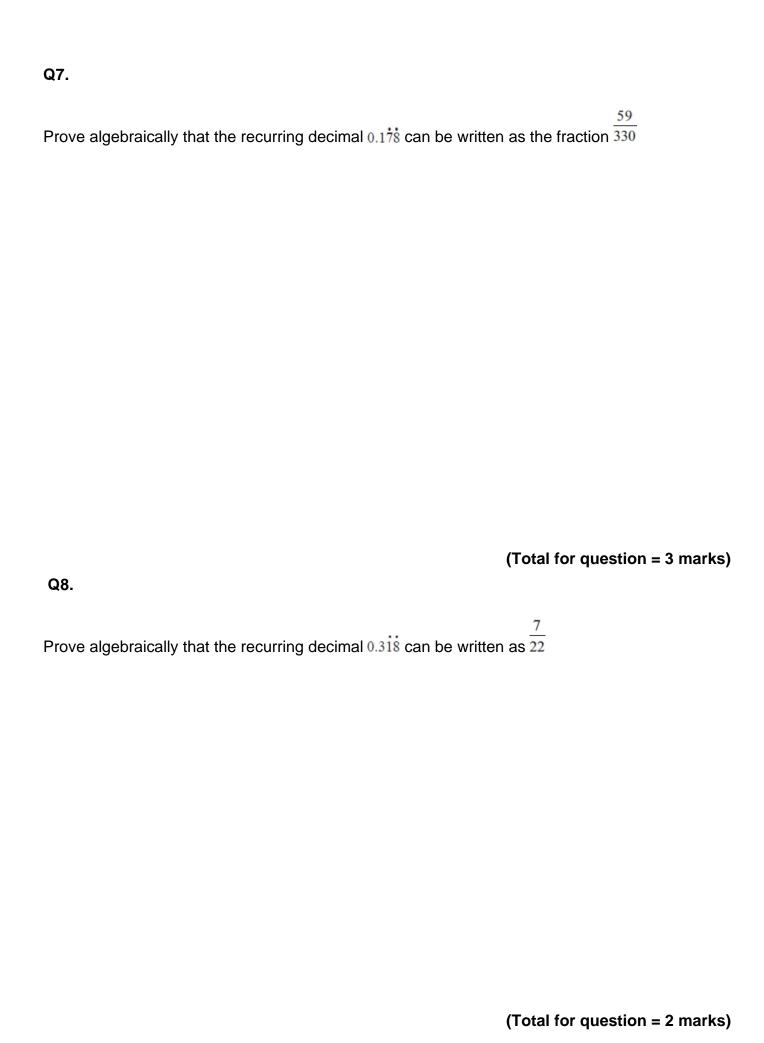
Use algebra to show that the recurring decimal $0.417 = \frac{139}{333}$

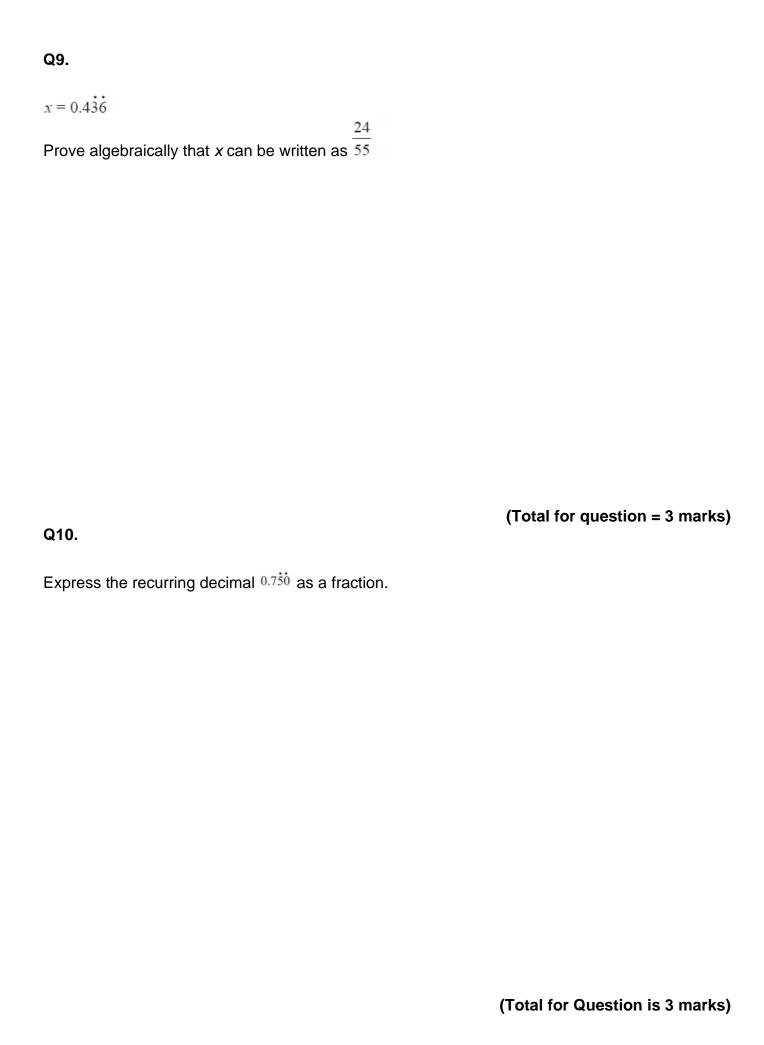
(Total for question = 2 marks)

Q3.	
Show that the recurring decimal $0.015 = \frac{1}{66}$	
	(Total for Question is 2 marks
	(Total for Question is 2 marks
Q4.	(Total for Question is 2 marks
Q4. Express the recurring decimal 0.15 as a fraction. Give your answer in its simplest form.	(Total for Question is 2 marks
Express the recurring decimal 0.15 as a fraction.	(Total for Question is 2 marks
Express the recurring decimal 0.15 as a fraction.	(Total for Question is 2 marks
Express the recurring decimal 0.15 as a fraction.	(Total for Question is 2 marks
Express the recurring decimal 0.15 as a fraction.	(Total for Question is 2 marks
Express the recurring decimal 0.15 as a fraction.	(Total for Question is 2 marks

(Total for Question is 3 marks)









Using algebra, prove that $0.1\dot{3}\dot{6}\times0.\dot{2}$ is equal in value to $\frac{1}{33}$

(Total for question = 3 marks)