

Recurring Decimals to Fractions

Q1.

$$0.\dot{3}9\dot{6} = \frac{44}{111}$$

Show that the recurring decimal

(Total for question = 2 marks)

Q2.

$$0.1\dot{7} = \frac{8}{45}$$

Show that the recurring decimal

(Total for question is 2 marks)

Q3.

$$0.0\ddot{1}5 = \frac{1}{66}$$

Show that the recurring decimal

(Total for Question is 2 marks)

Q4.

$$0.\dot{4}1\dot{7} = \frac{139}{333}$$

Use algebra to show that the recurring decimal

(Total for question = 2 marks)

Q5.

$$0.3\dot{8} = \frac{7}{18}$$

Use algebra to show that the recurring decimal

(Total for Question is 2 marks)