



SCAN ME

# Recurring Decimals to Fractions



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← REVISE THIS TOPIC

CHECK YOUR ANSWERS →

1 Express  $0.\dot{5}$  as a fraction in its simplest form.  
You must show all your working.

.....  
(Total for Question 1 is 2 marks)

2 Express  $0.\dot{7}\dot{1}$  as a fraction in its simplest form.  
You must show all your working.

.....  
(Total for Question 2 is 2 marks)



3 Express  $0.\dot{4}\dot{5}$  as a fraction in its simplest form.  
You must show all your working.

.....  
(Total for Question 3 is 3 marks)

4 Express  $0.\dot{2}1\dot{4}$  as a fraction in its simplest form.  
You must show all your working.

.....  
(Total for Question 4 is 3 marks)

5 Express  $0.\dot{3}2\dot{4}$  as a fraction in its simplest form.  
You must show all your working.

.....  
(Total for Question 5 is 3 marks)



6 Express  $0.5\dot{3}$  as a fraction in its simplest form.  
You must show all your working.

.....  
(Total for Question 6 is 3 marks)

7 Express  $0.12\dot{4}$  as a fraction in its simplest form.  
You must show all your working.

.....  
(Total for Question 7 is 3 marks)

8 Express  $0.4\ddot{2}3$  as a fraction in its simplest form.  
You must show all your working.

.....  
(Total for Question 8 is 3 marks)



9 Express  $0.\dot{0}\dot{3}\dot{8}$  as a fraction in its simplest form.  
You must show all your working.

.....  
(Total for Question 9 is 3 marks)

10 Express  $3.\dot{6}\dot{2}$  as a fraction in its simplest form.  
You must show all your working.

.....  
(Total for Question 10 is 3 marks)

11 Express  $0.3\dot{1}6\dot{1}$  as a fraction in its simplest form.  
You must show all your working.

.....  
(Total for Question 11 is 3 marks)



12 Work out  $0.6\dot{8} - 0.2\dot{7}$   
You must show all your working.  
Give your answer as a fraction in its simplest form.

.....  
**(Total for Question 12 is 5 marks)**

13 Work out  $0.5\dot{3} \times 0.1\dot{6}$   
You must show all your working.  
Give your answer as a fraction in its simplest form.

.....  
**(Total for Question 13 is 5 marks)**



14 Work out  $0.0\dot{8} \div 3.\dot{6}\dot{3}$   
You must show all your working.  
Give your answer as a fraction in its simplest form.

.....  
(Total for Question 14 is 5 marks)

15 Work out  $(0.\dot{2}9\dot{6})^{\frac{2}{3}}$

You must show all your working.  
Give your answer as a fraction in its simplest form.

.....  
(Total for Question 15 is 5 marks)

