

Recurring Decimals to Fractions



REVISE THIS TOPIC

CHECK YOUR **ANSWERS**



1 Express 0.5 as a fraction in its simplest form. You must show all your working.

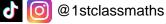
(Total for Question 1 is 2 marks)

Express 0.71 as a fraction in its simplest form. You must show all your working.



(Total for Question 2 is 2 marks)





3 Express $0.\dot{45}$ as a fraction in its simplest form. You must show all your working.

(Total for Question 3 is 3 marks)

Express 0.214 as a fraction in its simplest form. You must show all your working.

(Total for Question 4 is 3 marks)

Express 0.324 as a fraction in its simplest form. You must show all your working.



(Total for Question 5 is 3 marks)

6 Express 0.53 as a fraction in its simplest form. You must show all your working.

(Total for Question 6 is 3 marks)

7 Express 0.124 as a fraction in its simplest form. You must show all your working.

(Total for Question 7 is 3 marks)

8 Express 0.423 as a fraction in its simplest form. You must show all your working.



(Total for Question 8 is 3 marks)

9 Express 0.038 as a fraction in its simplest form. You must show all your working.

(Total for Question 9 is 3 marks)

10 Express 3.62 as a fraction in its simplest form. You must show all your working.

(Total for Question 10 is 3 marks)

11 Express 0.3161 as a fraction in its simplest form. You must show all your working.



(Total for Question 11 is 3 marks)



12 Work out 0.68 - 0.27

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 0.53×0.16

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 $0.08 \div 3.63$

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)