Recurring Decimals to Fractions

SCAN ME

REVISE THIS TOPIC

CHECK YOUR ANSWERS

SCAN ME

1 Convert $0.\dot{5}$ to a fraction giving your answer in its simplest form. **[2 marks]**

Answer _____

2 Convert $0.\dot{7}\dot{1}$ to a fraction giving your answer in its simplest form. **[2 marks]**

Answer _____

4

3 Convert $0.\dot{4}\dot{5}$ to a fraction giving your answer in its simplest form. **[2 marks]**

Answer _____

4 Convert $0.\dot{2}1\dot{4}$ to a fraction giving your answer in its simplest form. **[3 marks]**

Answer _____

5 Convert $0.\dot{3}2\dot{4}$ to a fraction giving your answer in its simplest form. **[3 marks]**

Answer _____

Solutions

6 Convert $0.5\dot{3}$ to a fraction giving your answer in its simplest form. **[3 marks]**

Answer _____

7 Convert $0.12\dot{4}$ to a fraction giving your answer in its simplest form. **[3 marks]**

Answer _____

8 Convert $0.4\dot{2}\dot{3}$ to a fraction giving your answer in its simplest form. **[3 marks]**

Answer _____

17

9 Convert $0.\dot{0}\dot{3}\dot{8}$ to a fraction giving your answer in its simplest form. **[3 marks]**

Answer _____

10 Convert $3.\dot{6}\dot{2}$ to a fraction giving your answer in its simplest form. **[3 marks]**

Answer _____

11 Convert $0.\dot{3}1\dot{6}\dot{1}$ to a fraction giving your answer in its simplest form. **[3 marks]**

Answer _____

Solutions

12 Work out $0.\dot{6}\dot{8} - 0.\dot{2}\dot{7}$ **[5 marks]**

Give you answer as a fraction in its simplest form.

Answer _____

13 Work out $0.\dot{5}\dot{3} \times 0.\dot{1}\dot{6}$ **[5 marks]**

Give you answer as a fraction in its simplest form.

Answer _____

19

14 Work out $0.0\dot{8} \div 3.\dot{6}\dot{3}$ **[5 marks]**

Give you answer as a fraction in its simplest form.

Answer _____

15 Work out $\left(0.\dot{2}9\dot{6}\right)^{\frac{2}{3}}$ **[5 marks]**

Give you answer as a fraction in its simplest form.

Answer _____

10

Solutions