JustMaths ● JustMaths Fractions, Decimals & Percentages (H)

A collection of 9-1 Maths GCSE Sample and Specimen questions from AQA, OCR, Pearson-Edexcel and WJEC Eduqas.





[2]

JustMaths

c) Write 0.36 as a fraction in its lowest term 0.363636 ... **3** = 10000 = 36.363636.... 992c = 360.36 = 4 $2c = \frac{36}{99} = \frac{12}{33} = \frac{4}{11}$ [3] 6. Prove algebraically that the recurring decimal $0.3\dot{1}\dot{8}$ can be written as $\frac{7}{22}$ 2C = 0.3181818 5 315 s 9490 10000 = 31.818 99x = 31.5 $2c = \frac{31 \cdot 5}{99} = \frac{31 \cdot 5}{990} = \frac{63}{198} = \frac{21}{66} = \frac{7}{22}$ [2] 7. Circle the fraction that is equivalent to 0.05% 1 <u>2</u> 50 100 1 $\frac{1}{200}$ 1 2000 500 × ০∙১% [1] 2% $1\% = \frac{1}{100}$ $0:5\% = \frac{1}{200}$ X