Name:

**Exam Style Questions** 



## Recurring Decimals

Ensure you have: Pencil, pen, ruler, protractor, pair of compasses and eraser

You may use tracing paper if needed

## Guidance

- 1. Read each question carefully before you begin answering it.
- 2. Don't spend too long on one question.
- 3. Attempt every question.
- 4. Check your answers seem right.
- 5. Always show your workings

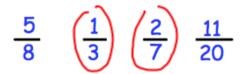
Revision for this topic

Secondary

Video 96 Video 127



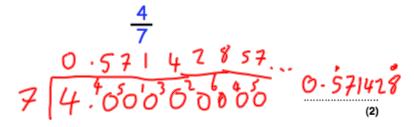
1. Shown below are four fractions.



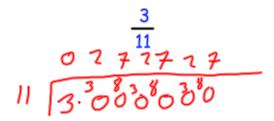
Circle any fractions which are recurring decimals.

(2)

2. Write the fraction below as a recurring decimal.



3. Write the fraction below as a recurring decimal.



0.27

Write 0.81 as a fraction.

Give your answer in its simplest form.

Convert 0.34 to a fraction. Give your answer in its simplest form.

$$\chi = 0.344444...$$
 $10\chi = 3.44444...$ 
 $100\chi = 34.44444...$ 
 $90\chi = 31$ 
 $90\chi = 31$ 

Write 0.512 as a fraction.

Give your answer in its simplest form.

Give your answer in its simplest form.

$$1 = 0.4515151...$$
 $10x = 1.515151...$ 
 $1000x = 451.5151...$ 
 $1000x = 451.5151...$ 

## 8. Write 1.24 as a mixed number. Give your answer in its simplest form.

