

Q1. (2017)

- 15 $\frac{1}{6}$, $\frac{1}{7}$, $\frac{1}{8}$ and $\frac{1}{9}$ are four fractions.

How many of these fractions convert to a recurring decimal?
Circle your answer.

[1 mark]

0 1 2 3 4

Q2. (2019)

- 19 Circle the fraction that is equivalent to $0.\dot{1}$

[1 mark]

$\frac{1}{9}$ $\frac{1}{99}$ $\frac{1}{10}$ $\frac{11}{100}$

Q3. (2020)

- 26 (a) Show that $\frac{14}{\sqrt{7}}$ can be written in the form $a\sqrt{b}$ where a and b are integers.

[2 marks]

Q4. (2021)

- 13 Convert $\frac{5}{6}$ to a recurring decimal.

[2 marks]

Q5. (2022)

- 22 Work out $0.6\dot{8} - 0.4\dot{5}$
Give your answer as a fraction in its simplest form.

[5 marks]

Q6. (2023)

- 23 Write $0.1\dot{3}$ as a fraction in its simplest form.

[3 marks]