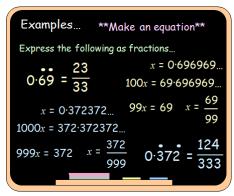
Outcome 1 - Changing between Fractions & Recurring Decimals

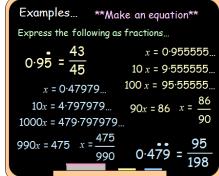
Bronze examples

Examples... **Do the division** Express the following as recurring decimals... $\frac{1}{9} = 0.1 \qquad 9 \qquad 1.10.10.10.1$ $\frac{5}{6} = 0.83 \qquad 0.83.3...$ $\frac{5}{6} = 0.83 \qquad 0.83.3...$

Silver examples



Gold examples



Bronze Questions

Express the following as recurring decimals...



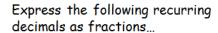
$$\frac{2}{9}$$



$$\frac{4}{6}$$

$$\frac{1}{15}$$

Silver Questions







Gold Questions

Express the following recurring decimals as fractions...



Bronze Answers

- 1. 0.083 2. 0.4
- 3. 0.13
- 4. 0.16
- 5. 0.06 6. 0.38

Silver Answers

- 1. 78/99 = 26/33 2. 27/99 = 3/11
- 3. 96/99 = 32/33 4. 765/999 = 85/111
- 5. 38/99
- 6. 516/999 = 172/333

Gold Answers

- 1. 76/90 = 38/45 2. 324/990 = 18/55

- 5. 635/990 = 127/198 6. 15/90 = 1/6