

## Answers to Practice Exercises for Chapter 13 – Decimals

### Set A - Question 1f

**Changing the denominator method:**

$$\frac{7}{25} = \frac{7 \times 4}{25 \times 4} = \frac{28}{100}$$

Multiplying numerator and denominator by 4 gives a fraction in hundredths.

$$= 0.28$$

This can then be written as 28 in the hundredths decimal place value

**OR**

**Dividing the numerator by the denominator method:**

$$\begin{array}{r} 0.28 \\ 25 \overline{) 7.00} \\ \underline{50} \phantom{0} \\ 200 \\ \underline{200} \\ 0 \end{array}$$

You can avoid this long division by dividing 7 by 5 and then dividing the answer by 5 again, as shown on the right.

$$\begin{array}{r} 0.28 \\ 5 \overline{) 1.40} \\ \underline{5} \phantom{0} \\ 0 \phantom{0} \\ \underline{0} \phantom{0} \\ 0 \phantom{0} \\ \underline{0} \phantom{0} \\ 0 \end{array}$$