

Answers to Practice Exercises for Chapter 13 – Decimals

Set A - Question 1b

Working with the fraction part:

Changing the denominator method:

$$\frac{2}{5} = \frac{2 \times 2}{5 \times 2} = \frac{4}{10}$$

Multiplying numerator and denominator by 2 gives a fraction in tenths.

$$= 0.4$$

This can then be written as 4 in the tenths decimal place value

OR

Dividing the numerator by the denominator method:

$$\begin{array}{r} 0.4 \\ 5 \overline{) 2.0} \end{array}$$

So, recombining the integer and fraction parts, $1\frac{2}{5} = 1.4$