

## Answers to Practice Exercises for Chapter 12 – The Four Rules for Mixed Numbers

### Set A - Question 11

#### Working

$$2\frac{1}{2} \times 1\frac{3}{5}$$

$$= \frac{5}{2} \times \frac{8}{5}$$

$$= \frac{51}{21} \times \frac{48}{15}$$

$$= \frac{4}{1}$$

$$= 4$$

#### Comment

Change to improper fractions.

Cancel out common factors of 5 and 2.

Multiply the numerators, multiply the denominators.

This can be changed to an integer answer

Note: if you do not cancel out the common factors, you will get  $\frac{40}{10}$  which must then be reduced to its lowest terms by dividing out a common factor of 10 to get  $\frac{4}{1}$ .