

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

### Set A - Question 6

#### Working

$$1\frac{1}{2} + 2\frac{2}{3} + 2\frac{4}{5}$$

$$= 5 + \frac{15}{30} + \frac{20}{30} + \frac{24}{30}$$

$$= 5 + \frac{59}{30}$$

$$= 5 + 1\frac{29}{30}$$

$$= 6\frac{29}{30}$$

#### Comment

Add the integers and add the fractions. The lowest common multiple of 2, 3 and 5 is 30, so this will be the common denominator.

Add the fraction numerators.

$\frac{59}{30}$  is an improper fraction. Convert it to the mixed number  $1\frac{29}{30}$ .