

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

Set A - Question 12

Working

$$\begin{aligned} & 48 \times 1\frac{1}{4} \\ = & \frac{48}{1} \times \frac{5}{4} \\ = & \frac{48 \cancel{12}}{1} \times \frac{5}{\cancel{14}} \\ = & \frac{60}{1} \\ = & 60 \end{aligned}$$

Comment

Change to improper fractions.

Cancel out a common factor of 4.

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 $\frac{4}{1}$.