

Answers to Practice Exercises for Chapter 11 – The Four Rules for Rational Numbers

Set A - Question 2

Working

$$\begin{aligned} & \frac{3}{4} + \frac{1}{8} \\ = & \frac{6}{8} + \frac{1}{8} \\ = & \frac{7}{8} \end{aligned}$$

Comment

The lowest common multiple of 4 and 8 is 8, so that will be the common denominator

Multiply the numerator and denominator of $\frac{3}{4}$ by 2 to make $\frac{6}{8}$. The other fraction, $\frac{1}{8}$, stays unchanged.

Now add the numerators.