

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

### Set A - Question 3

#### Working

$$\begin{aligned} & \frac{1}{3} + \frac{3}{8} \\ = & \frac{8}{24} + \frac{9}{24} \\ = & \frac{17}{24} \end{aligned}$$

#### Comment

The lowest common multiple of 3 and 8 is 24, so that will be the common denominator

Multiply the numerator and denominator of  $\frac{1}{3}$  by 8 to make  $\frac{8}{24}$  and the numerator and denominator of  $\frac{3}{8}$  by 3 to make  $\frac{9}{24}$

Now add the numerators.