

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

Set A - Question 1b

Working

$$\frac{27}{5}$$
$$= 5\frac{2}{5}$$

Comment

25 is the largest multiple of 5 less than 27, and we can write $\frac{27}{5} = \frac{25}{5} + \frac{2}{5}$. Then, $\frac{25}{5} = \frac{5}{1} = 5$. So, $\frac{25}{5} + \frac{2}{5} = 5 + \frac{2}{5}$.

Note: The comment above shows why the conversion works. However the procedure boils down to: $27 \div 5 = 5$ remainder 2. The 5 is the integer and the remainder 2 is the numerator of the fraction, which has a denominator of 5.