

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

### Set A - Question 1a

**Working**

$$\frac{10}{3}$$
$$= 3\frac{1}{3}$$

**Comment**

9 is the largest multiple of 3 less than 10, and we can write  $\frac{10}{3} = \frac{9}{3} + \frac{1}{3}$ . Then,  $\frac{9}{3} = \frac{3}{1} = 3$ . So,  $\frac{9}{3} + \frac{1}{3} = 3 + \frac{1}{3}$ .

Note: The comment above shows why the conversion works. However the procedure boils down to:  $10 \div 3 = 3$  remainder 1. The 3 is the integer and the remainder 1 is the numerator of the fraction, which has a denominator of 3.