

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

Set A - Question 5

Working

$$10\frac{7}{8} + 2\frac{3}{16}$$

$$= 12 + \frac{14}{16} + \frac{3}{16}$$

$$= 12 + \frac{17}{16}$$

$$= 12 + 1\frac{1}{16}$$

$$= 13\frac{1}{16}$$

Comment

Add the integers and add the fractions. The lowest common multiple of 8 and 16 is 16, so this will be the common denominator.

Add the fraction numerators.

$\frac{17}{16}$ is an improper fraction. Convert it to the mixed number $1\frac{1}{16}$.