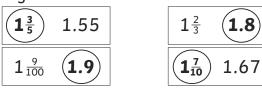
## Fractions, Decimals and Percentages Practice Booklet **Answers**

- 1. Put these fractions in order of size, starting with the smallest.
  - $\frac{1}{6}$   $\frac{7}{12}$
- $\frac{2}{3}$   $\frac{3}{4}$
- The numbers in this sequence increase by the same amount each time. Write the missing numbers.
  - <u>4</u> 7

 $1\frac{3}{7}$   $1\frac{12}{14}$  **2\frac{2}{7}** 

3. In each box, circle the number that is greater.



4. Write the missing fraction in this calculation.

1

 $\frac{1}{5} + \frac{1}{3} + \frac{7}{15} = 1$ 

5. Write the missing numbers in these equivalent fractions.

 $\frac{4}{5} = \frac{12}{15} = \frac{72}{90}$ 

6. Circle the improper fraction that is equivalent to  $4\frac{7}{9}$ 

$$\frac{40}{9} \quad \frac{41}{9} \quad \frac{42}{9} \quad \frac{43}{9} \quad \frac{44}{9}$$

7. Tick the calculation that is the best estimate.

4 - 1 + 2	5 - 2 + 2
5 - 1 + 2	4 - 1 + 1

 I spent £1.40 on a drink and £1.70 on a sandwich. I have three fifths of my money left. How much money did I have to start with?

£1.40 + £1.70 = £3.10 £3.10 =  $\frac{2}{5}$  of money  $\frac{1}{5}$  of money = £1.55  $\frac{5}{5}$  of money = £7.75

- 9. Yesterday, I read  $\frac{3}{7}$  of my book. Today, I read the remaining 152 pages to finish the book. How many pages are there in my book?
  - 152 pages =  $\frac{4}{7}$  of the pages.  $\frac{1}{7}$  of the pages = 152 ÷ 4 = 38 pages  $\frac{7}{7}$  of the pages = 38 × 7 = 266 pages
- 10. One fruit smoothie contains  $\frac{2}{3}$  of a carton of orange juice. I make 7 smoothies. Calculate, as a mixed number, how much orange juice I use altogether.

 $\frac{2}{3} \times 7 = \frac{14}{3}$   $4\frac{2}{3}$  cartons

11. In this circle,  $\frac{1}{4}$  and  $\frac{3}{16}$  are shaded. What fraction of the whole circle is not shaded?

$$\frac{1}{4} + \frac{3}{16} = \frac{7}{16}$$
$$\frac{16}{16} - \frac{7}{16} = \frac{9}{16}$$



