

## SECTION 1 | Test 1

Schofield & Sims

A	Answer
1 $60\,000 + 3\,000 + 70 + 8 =$	<u>63 078</u>
2 $5 \times 8 \times 7 =$	<u>280</u>
3 $8\text{ l } 550\text{ ml} - \frac{1}{4}\text{ l} = \square\text{ l}$	<u>8.3 l</u>
4 $\frac{5}{6}$ of £42 =	<u>£35</u>
5 a $3\frac{5}{8} = \frac{\square}{8}$	a <u><math>\frac{29}{8}</math></u>
b $6\frac{4}{5} = \frac{\square}{5}$	b <u><math>\frac{34}{5}</math></u>
6 $£7.30 + \square\text{ 10ps} = £10$	<u>27 10ps</u>
7 $3650\text{ m} = \square\text{ km } \square\text{ m}$	<u>3 km 650 m</u>
8 $180^\circ - (86^\circ + 64^\circ) =$	<u><math>30^\circ</math></u>
9 a $\frac{19}{50} = \square\%$	a <u>38%</u>
b $0.64 = \square\%$	b <u>64%</u>
10 $5.08 = \square$ thousandths	<u>5080</u> thousandths
11 $6^3 = 6 \times 6 \times 6 =$	<u>216</u>
12 $£4.50 \div 7 = \square\text{ p r } \square\text{ p}$	<u>64 p r 2 p</u>

B	Answer
1 Write in words the number which is 400 less than 50 000.	<u>forty-nine thousand six hundred</u>
2 Find in £s the total of 18p, 16p, 25p, 9p.	<u>£0.68</u>
3 Change these improper fractions to mixed numbers. a $\frac{35}{6}$ b $\frac{63}{8}$	a <u><math>5\frac{5}{6}</math></u> b <u><math>7\frac{7}{8}</math></u>
4 Find the difference between three 50ps and the sum of twelve 5ps and six 2ps.	<u>78p</u>
5 How many times is 25g contained in 4kg?	<u>160</u>
6 Find the change from a €5 note after spending €2.03.	<u>€2.97</u>
7 Which of these numbers are factors of 56? <div style="border: 1px solid black; padding: 2px; display: inline-block;">2 3 5 7 9</div>	<u>2 and 7</u>
8 What percentage of 2l is 400ml?	<u>20%</u>
9 Approximate a 29.56 to the nearest 10 b 180 370 to the nearest 1000.	a <u>30</u> b <u>180 000</u>
10 What fraction in its simplest form is equal to a 95% b 0.04?	a <u><math>\frac{19}{20}</math></u> b <u><math>\frac{1}{25}</math></u>
11 Find the cost of 700g at 90p per kilogram.	<u>63p</u>
12 Find the area of a square with sides measuring 20cm each.	<u>400cm<sup>2</sup></u>

C	Answer
1 How many thousandths must be added to 9.073 to make 10?	<u><math>\frac{927}{1000}</math></u>
2 Find the change from £1.50 after buying 2kg of oranges at 36p per $\frac{1}{2}$ kg.	<u>6p</u>
3 Imran faces SE and turns clockwise through $1\frac{1}{2}$ right angles. In which direction is he now facing?	<u>W</u>
4 A car travels 40km in 30min. How many kilometres will it travel at this speed in $\frac{3}{4}$ h?	<u>60km</u>
5 A mango weighs 250g. How many mangoes together weigh 50kg?	<u>200</u>
6 From the diagram find what fraction of all the employees are a men b women. c If the total number of employees is 400 how many are under 18?	a <u><math>\frac{5}{12}</math></u> b <u><math>\frac{1}{4}</math></u> c <u>60</u>

Employees in a shop



7 Amy spends 30% of her money on a book and saves 60%. If she had 20p left how much had she at first?	<u>£2.00</u>
8 A square with sides measuring 20cm each is cut along both diagonals into four equal triangles. What is the area of each triangle in cm <sup>2</sup> ?	<u>100cm<sup>2</sup></u>
9 A bus departs at 19:47 and arrives at its destination 1h 16min later. Write the time of its arrival.	<u>21:03</u>
10 The area of a rectangular path is 75m <sup>2</sup> . It is 50cm wide. How long is it in metres?	<u>150m</u>
11 In seven weeks Katie saves £3.15. Find her mean average weekly savings.	<u>45p</u>
12 The measurements of the box are given. Find the area of a both the sides b both the ends c the top and bottom.	a <u>85cm<sup>2</sup></u> b <u>60cm<sup>2</sup></u> c <u>102cm<sup>2</sup></u>

