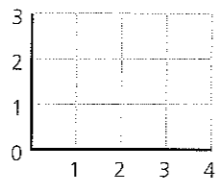
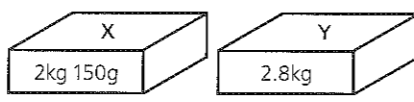


## SECTION 2 | Test 9


Schofield & Sims

- | A   | Answer           |
|---|------------------|
| 1 Write as a decimal fraction<br>a 17 hundredths<br>b 6 hundredths. | a 0.17<br>b 0.06 |
| 2 $(58 + 5) - (4 + 9) =$  | 50               |
| 3 $1\frac{3}{4}$ min = s  | 105s             |
| 4 $80 + 6 + 8000 + = 8286$  | 200              |
| 5 $7 \overline{) 53}$   | 7 r 4            |
| 6 $0.4 \times 100 =$  | 40               |
| 7 Find $\frac{9}{10}$ of 80.  | 72               |
| 8 $3050g =$ kg g  | 3kg 50g          |
| 9 $\pounds 1.00 -$ twenty-eight 2ps = p                             | 44p              |
| 10 $12 \times 12 =$   | 144              |
| 11 $(7 \times 6) + (6 \times 3) =$                                  | 60               |
| 12 $28p \times 7 = \pounds$   | $\pounds 1.96$   |

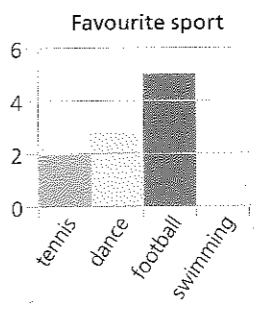

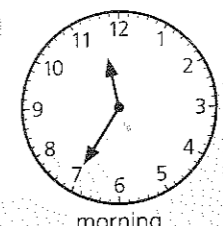
- | B   | Answer                             |
|---|------------------------------------|
| 1 Write 4l 150ml to the nearest $\frac{1}{2}$ l.  | 4l                                 |
| 2 The product of two numbers is 72. One of the numbers is 6. What is the other number?  | 12                                 |
| 3 Increase 23 by 18 and multiply the answer by 10.  | 410                                |
| 4 Find the difference between 14 plus 9 and 14 minus 9.   | 18                                 |
| 5 How much less than $\pounds 1$ is the sum of 18p and 39p?   | 43p                                |
| 6 Divide the total of 19 and 17 by 4.   | 9                                  |
| 7 Write as a decimal fraction of a metre<br>a 20cm<br>b 35cm.   | a 0.2m<br>b 0.35m                  |
| 8 Add the largest of these decimals to the smallest.<br><span style="border: 1px solid black; padding: 2px;">1.20 0.12 1.02 0.21</span> | 1.32                               |
| 9 Write as a decimal the number which is 10 times smaller than 8.8.   | 0.88                               |
| 10 Write each of these fractions as an equivalent one with the denominator 4.<br>a $\frac{9}{12}$<br>b $\frac{6}{8}$                    | a $\frac{3}{4}$<br>b $\frac{3}{4}$ |
| 11 Find the cost of $3\frac{1}{4}$ kg if 1kg costs 16p.   | 52p                                |
| 12 Write as decimals the next two numbers in this sequence.<br>1000, 100, 10, 1, , ,  | 0.1 0.01                           |

- | C  | Answer   |  |        |          |     |          |     |          |                   |
|--|--|--|--------|----------|-----|----------|-----|----------|-------------------|
| 1 What decimal fraction of $\pounds 1$ is<br>a 2p<br>b 20p<br>c 50p?   | a $\pounds 0.02$<br>b $\pounds 0.2$<br>c $\pounds 0.5$ |  |        |          |     |          |     |          |                   |
| 2 Chloe is 1.35m tall and Joseph is 8cm smaller. What is Joseph's height in centimetres?   | 127cm  |  |        |          |     |          |     |          |                   |
| 3 How many glasses each holding $\frac{1}{4}$ l can be filled from a jug holding $6\frac{1}{2}$ l?   | 26   |  |        |          |     |          |     |          |                   |
| 4  A square has vertices at (4, 1), (2, 1), (2, 3) and (x, y). What are the values of x and y?  | ( 4, 3 )   |  |        |          |     |          |     |          |                   |
| 5 How many centimetres less than $\frac{3}{4}$ m is 0.62m?   | 13cm   |  |        |          |     |          |     |          |                   |
| 6 A supermarket sold one hundred pastries at 12p each and twenty at 9p each. What was the total value of the pastries?   | $\pounds 13.80$  |  |        |          |     |          |     |          |                   |
| 7 Louise uses 50g of cocoa each day. How many days will it take her to use $\frac{3}{4}$ kg?   | 15   |  |        |          |     |          |     |          |                   |
| 8 How many grams heavier is box Y than box X?<br>  | 650g   |  |        |          |     |          |     |          |                   |
| 9 <table border="1" data-bbox="786 1354 1023 1501"> <thead> <tr> <th colspan="2">Date of birth</th> </tr> </thead> <tbody> <tr> <td>Sanjay</td> <td>28/02/09</td> </tr> <tr> <td>Ben</td> <td>30/09/07</td> </tr> <tr> <td>Leo</td> <td>30/08/08</td> </tr> </tbody> </table> By how many months is<br>a Ben older than Leo?<br>b Sanjay younger than Leo? | Date of birth  |  | Sanjay | 28/02/09 | Ben | 30/09/07 | Leo | 30/08/08 | a 11mth<br>b 6mth |
| Date of birth  |  |  |        |          |     |          |     |          |                   |
| Sanjay   | 28/02/09   |  |        |          |     |          |     |          |                   |
| Ben  | 30/09/07   |  |        |          |     |          |     |          |                   |
| Leo  | 30/08/08   |  |        |          |     |          |     |          |                   |
| 10 Multiplying the Roman numeral V by X gives which Roman numeral answer?  | L  |  |        |          |     |          |     |          |                   |
| 11 Akta's T-shirt cost $\pounds 12.70$ and Frankie's cost $\pounds 11.85$ . Find<br>a the difference in price<br>b the total cost of the T-shirts.   | a 85p<br>b $\pounds 24.55$                             |  |        |          |     |          |     |          |                   |
| 12 1cm on a plan represents 1m. What does 1mm on the plan represent<br>a in centimetres<br>b in millimetres?   | a 10cm<br>b 100mm                                      |  |        |          |     |          |     |          |                   |

## Mental Arithmetic 3 Answers

- | A  | Answer         |
|--|----------------|
| 1 $500g \times 10 =$ kg                                | 5kg            |
| 2 $(36 - 7) - (32 - 8) =$                              | 5              |
| 3 $1000p = \pounds$                                    | $\pounds 10$   |
| 4 $\pounds + 62p = \pounds 3.00$                       | $\pounds 2.38$ |
| 5 Find the missing number.<br>$9 \overline{) 6r2}$     | 56             |
| 6 Write 243 hundredths as a decimal.                   | 2.43           |
| 7 $(10 \times 5) - (4 \times 7) =$                     | 22             |
| 8 $\frac{1}{10}$ of 1min = s                           | 6s             |
| 9 $\frac{5}{8}$ of 64km =                              | 40km           |
| 10 10 hairbands cost 19p. 100 hairbands cost $\pounds$ | $\pounds 1.90$ |
| 11 Round 17.6 to the nearest whole number.             | 18             |
| 12 $9989 + 12 =$                                       | 10001          |
- | B  | Answer                    |
|--|---------------------------|
| 1 Continue this sequence, counting back in threes.<br>10, 7, 4, 1, , ,   | -2 -5                     |
| 2 Make each of these numbers 10 times smaller.<br>a 29<br>b 1.7  | a 2.9<br>b 0.17           |
| 3 Write quarter to five in the afternoon in the 24-hour format.  | 16:45                     |
| 4 How much more than 50p is the sum of 8p, 18p and 28p?  | 4p                        |
| 5 Subtract 9 from the total of 53 and 47.  | 91                        |
| 6 $\frac{3}{8}$ of a number is 9. What is the number?  | 24                        |
| 7 Write the missing numbers.<br>a $\frac{25}{100} = \frac{1}{4}$ b $\frac{15}{20} = \frac{3}{4}$                                   | a 4 b 3                   |
| 8 What is the change from $\pounds 5$ after spending $\pounds 1.36$ and $\pounds 2.40$ ?   | $\pounds 1.24$            |
| 9 If 10 markers cost $\pounds 5.20$ , what will be the cost of<br>a one<br>b seven?  | a 52p<br>b $\pounds 3.64$ |
| 10 What decimal is the arrow pointing to?<br> | 0.6                       |
| 11 1l costs 60p. Find the cost of $5\frac{1}{4}$ l.  | $\pounds 3.15$            |
| 12 If fudge costs 80p for 50g, what is the cost of $\frac{3}{4}$ kg?   | $\pounds 12.00$           |

## SECTION 2 | Test 10

- | C  | Answer              |
|--|---------------------|
| 1 Find the total of 3.8m and 0.5m<br>a in centimetres<br>b in millimetres.   | a 430cm<br>b 4300mm |
| 2  How many votes are shown on this bar chart altogether?                                   | 14                  |
| 3 Navi saved 50p each week for a whole year. How much did she save altogether?   | $\pounds 26$        |
| 4 Subtract XIV from C and give the answer using Roman numerals.  | LXXXVI              |
| 5 Which of these decimals is equal to<br>a $\frac{55}{100}$<br>b $\frac{2}{100}$ ?   | a 0.55<br>b 0.02    |
| 6 Name the three coins given in change from $\pounds 4$ after spending $\pounds 3.77$ .  | 20p 2p 1p           |
| 7 What remains from a 10m length of fabric after using 3.3m and 2.8m?  | 3.9m                |
| 8  Each side of this shape is 0.7cm long. Find the perimeter of the shape in centimetres. | 7cm                 |
| 9 After spending 49p and losing $\pounds 1.36$ Maisy has 15p left. How much had she at first?  | $\pounds 2.00$      |
| 10  What time will be shown on the clock after 47min? Use a.m. or p.m.                    | 12.22 p.m.          |
| 11 Find the difference between $\frac{1}{10}$ of 7000 and $\frac{1}{100}$ of 7000.   | 630                 |
| 12 A school trip will cost Ryan $\pounds 10.80$ . He has made eight weekly payments of $\pounds 1.20$ . How much has he yet to pay?  | $\pounds 1.20$      |