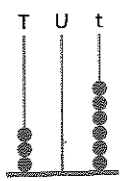


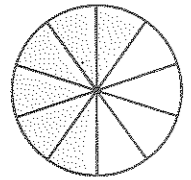
**SECTION 1 | Test 3**

Schofield & Sims

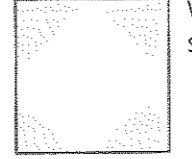
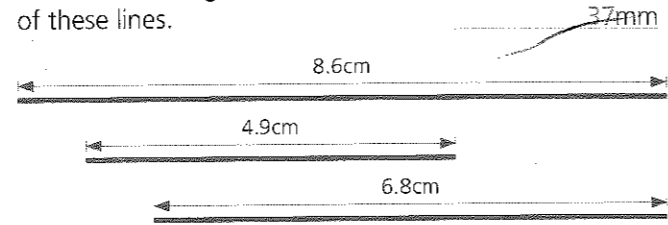
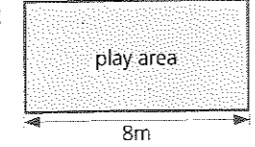
**A Answer**

- 1  Write in words as a decimal the number shown on the abacus. thirty point six
- 2  $300 + 70 + 9$  tenths. Write the answer as a decimal. 370.9
- 3  $13\,624 + 5040 =$  18664
- 4 Round 12 467 to the nearest 10. 12470
- 5  $£8.70 =$  87 10ps
- 6  $20.4\text{cm} =$  204mm
- 7  $36.9 \times 10 =$  369
- 8  $59 \div 10 =$  5.9
- 9  $10.7 =$  107 tenths
- 10  $200\text{g} +$  100 g = 0.5kg
- 11  $-2.3\text{l} =$  2300ml
- 12  $7, 4, 1, -2,$  -5 -8

**B Answer**

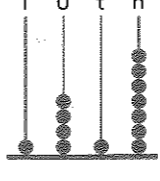
- 1  What decimal fraction of the circle is  
a shaded a 0.6  
b unshaded? b 0.4
- 2 Write as a decimal, forty and nine tenths. 40.9
- 3 Of these fractions  $\frac{3}{10}$ , 0.5,  $\frac{1}{4}$ , 0.2 which is  
a the largest a 0.5  
b the smallest? b 0.2
- 4 Find the mean average of 6, 8 and 10. 8
- 5 Write 300 using Roman numerals. CCC
- 6 Find the cost of 100g rice at 95p per  $\frac{1}{2}$ kg. 19p
- 7 What length is 6 times longer than 4.5cm? 27cm
- 8 How many months in the year have 31 days? 7
- 9 Share £2.00 exactly among eight children. How much each? 25p
- 10 Write each of these quantities to the nearest whole unit.  
a 59.8km a 60km  
b 40.3l b 40l
- 11 What number is 8 less than zero? -8
- 12 How many hours and minutes from 08:50 to 11:00? 2h 10min

**C Answer**

- 1  What fraction of the square is shaded?  $\frac{1}{2}$
- 2 Noah has 40p and Ryan has  $\frac{2}{5}$  of this amount. How much have they altogether? 56p
- 3 On a coordinate grid point A is at (3, 4). It is then moved two squares to the right. What are its new coordinates? (5, 4)
- 4 Find in millimetres the difference between the longest and shortest of these lines.  
 37mm
- 5 Lily bought a book for £1.75 and gave seven 5ps and the rest in 10ps. How many 10ps did she give? 14 10ps
- 6 By how many grams is a mass of 1.4kg heavier than a mass of 850g? 550g
- 7 What is the date a week later than Christmas Day (25 December)? 1 January
- 8 Of these angles which two when added together make two right angles?  
83° 124° 35° 107° 56° 124° 56°
- 9 Material for a dress costs £5.50 per metre. Find the cost of  
a 10cm a 55p  
b 70cm. b £3.85
- 10 Two cans each hold 750ml. By how many millilitres is their total volume less than 1.8l? 300ml
- 11 A shopkeeper bought six pens for 95p. He sold them to make a profit of 25p. For how much did he sell each pen? 20p
- 12  The width of the play area is half the length. Find  
a its perimeter a 24m  
b its area. b 32m²

**Mental Arithmetic 4 Answers**

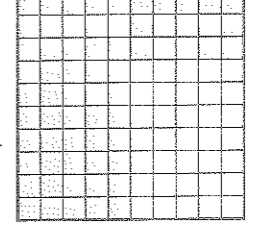
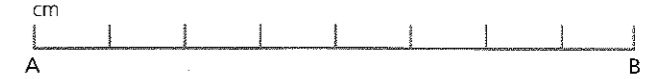
**A Answer**

- 1  Write in words as a decimal the number shown on the abacus. fourteen point one seven
- 2  $8.03 = 8 + \frac{3}{100}$
- 3  $2.26 + 1.04 =$  3.3
- 4  $£3.04 =$  304p
- 5  $248\text{cm} =$  2.48m
- 6 Write  $\frac{1}{4}$  as a decimal. 0.25
- 7  $69\,468 - 3400 =$  66068
- 8  $5.07 \times 100 =$  507
- 9 Find in grams  
a 0.1 of 1kg a 100g  
b 0.7 of 1kg. b 700g
- 10 Write as a decimal 503 hundredths. 5.03
- 11 Round 346 295 to the nearest 1000. 346000
- 12  $0.92 + 0.08 = 1$

**B Answer**

- 1 Write as a decimal,  $30 + \frac{7}{10} + \frac{4}{100}$ . 30.74
- 2 What is the value in pence of the digit underlined?  
a £100.40 a 40p  
b £15.06 b 6p
- 3 Write in metres and centimetres 109.46m. 109m 46cm
- 4 Write the missing signs +, -, × or ÷ in place of ● and ▲.  
 $9 \bullet 6 = 3 \blacktriangle 5$  ● + ▲ ×
- 5 Write as a decimal 15 tenths 7 hundredths. 1.57
- 6 Decrease 0.5l by 150ml. 350ml
- 7 How many hours and minutes from 2.25 p.m. to 4.05 p.m.? 1h 40min
- 8 Write the missing numbers.  
a  $\frac{8}{12} = \frac{\bullet}{3}$  a 2  
b  $\frac{21}{24} = \frac{\bullet}{8}$  b 7
- 9 Divide £15 by 6 exactly. £2.50
- 10 Find the area of a rectangle measuring 8.5cm by 6cm. 51cm²
- 11 Divide 75kg by 100. Give the answer in grams. 750g
- 12 Which of these fractions are of equal value?  
 $\frac{3}{4}$ , 0.6, 0.75,  $\frac{7}{10}$   $\frac{3}{4}$ , 0.75

**C Answer**

- 1  Write as a decimal fraction the part of the square which is  
a shaded a 0.65  
b unshaded. b 0.35
- 2 Badges cost 6p each. How many can be bought for £1.56? 26
- 3 A teaspoon holds 5ml. How many spoonfuls in  $\frac{1}{4}$ l? 50
- 4 Find the missing number in this division.  
 $9 \overline{) 17r7}$  160
- 5 Mince costs €1.80 per  $\frac{1}{2}$ kg. Find the cost of mince weighing 600g. €2.16
- 6 A triangle has two equal sides each measuring 36cm. Its perimeter is 1m. Find the length of the third side. 28cm
- 7 There were 6845 people at a concert. Write this number  
a to the nearest 100 a 6800  
b to the nearest 10. b 6850
- 8 There are two 2 place decimal numbers which are greater than 3.97 but less than 4.00. What are the numbers? 3.98 3.99
- 9 Fatima collected 150 pennies for the school fund. Olivia collected 3 times as many. How many £1 coins did they receive in exchange? 6
- 10 Jamie's stride measures 40cm. How many strides will he take in walking 10m? 25
- 11 A rectangular path measures 9m long and 50cm wide. Find its area in m². 4.5m²
- 12  The line AB is drawn to a scale 1cm to 20cm. Find the length the line represents  
a in centimetres a 160cm  
b in millimetres. b 1600mm