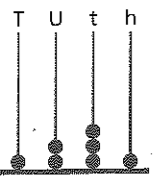


SECTION 2 | Test 7

Schofield & Sims

A **Answer**

1  Write as a decimal the number shown on the abacus. 12.31

2 $50 - (6 \times 7) =$ 8

3 $(19 + 8) - (6 + 7) =$ 14

4 $£1.09 + 68p =$ £1.77

5 Find $\frac{3}{4}$ of 28kg. 21kg

6 One envelope costs 19p. Five envelopes cost 95p.

7 Round 0.4 to the nearest whole number. 0

8 $1\frac{1}{4}kg - 700g =$ 550g

9 $£1.49 + £1.49 + £1.49 =$ £4.47

10 $68 \div 7 =$ 9 r 5

11 $0.6 + 1.8 + 0.5 =$ 2.9

12 $0.1m =$ 10cm

B **Answer**

1 Write $\frac{6}{10} + \frac{8}{100}$ as a decimal fraction. 0.68

2 Multiply 6 by 47. 282

3 How many centimetres are there in 1.8m? 180cm

4 Change these clock times from the 24-hour format to the 12-hour format. Use a.m. or p.m.
 a 06:00 a 6.00 a.m.
 b 19:00 b 7.00 p.m.

5 Write 6kg 650g to the nearest $\frac{1}{2}kg$. 6 $\frac{1}{2}$ kg

6 Subtract 0.03 from a whole one. Write the answer as a decimal fraction. 0.97

7 By how many millimetres is 10.0cm greater than 7.9cm? 21mm

8 Find the cost of 12 sweets if two sweets cost 5p. 30p

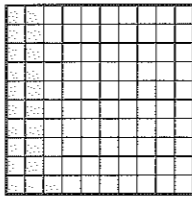
9 Find the difference between 30 multiplied by 10 and 30 divided by 10. 297

10 By how many grams is 5 times 250g less than 2kg? 750g

11 $\frac{x}{y}$ 340.4 How many times larger is the 4 marked x than the 4 marked y? 100

12 How much greater is $\frac{7}{8}$ than $\frac{3}{4}$? $\frac{1}{8}$

C **Answer**

1  Write as a decimal fraction the part of the whole square which is
 a shaded a 0.21
 b unshaded. b 0.79

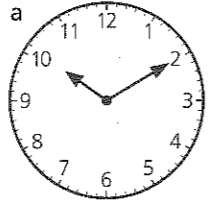
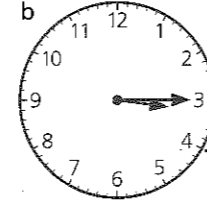
2 How much less than £6 is the sum of £1.85 and £3.45? 70p

3 If $4\frac{1}{2}m$ of string is divided into 25cm lengths, how many lengths will there be? 18

4 How many hundredths are equal in value to
 a 0.4 a 40 hundredths
 b 0.9? b 90 hundredths

5 A motor cyclist drove 84km in the morning and 143km in the afternoon. How much further did they travel to drive 250km? 23km

6 Clock A shows the time that Jake left home and clock B shows the time he returned. How many hours and minutes was he away? 5h 5min

a  a.m. b  p.m.

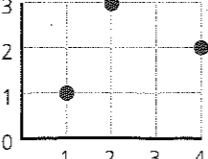
7 How many parcels each with a mass of 100g will together have a mass of $3\frac{1}{2}kg$? 35

8 By how many twelfths is $\frac{3}{4}$ greater than $\frac{2}{3}$? $\frac{1}{12}$

9 Find the change from a £10 note after buying six scarves costing £1.25 each. £2.50

10 Yasmin's sister pays $\frac{4}{5}$ of the cost of a bicycle. Yasmin pays the remainder. The cost of the bicycle is £70. How much does each pay?
 Yasmin £14
 Sister £56

11 200g of pasta costs 80p. Find the cost of $1\frac{1}{2}kg$. £6.00

12  The three marked points are three vertices of a square. Write the coordinates of the fourth vertex of the square. (3, 0)

SECTION 2 | Test 8

Mental Arithmetic 3 Answers

A **Answer**

1 $10.0 + 0.2 + 0.05 =$ 10.25

2 $£1.60 \div 4 =$ £0.40

3 $0.47 =$ 47 hundredths

4 $(0 \times 9) + 8 =$ 8

5 $(42 - 5) + (21 - 4) =$ 54

6 $250 + 350 + 400 =$ 1000

7 Round 5.5 to the nearest whole number. 6

8 Find $\frac{2}{3}$ of 27. 18

9 $2\frac{1}{4}min =$ 135s

10 $£6.09 +$ £1.91 $= £8.00$

11 $(81 \div 9) - (24 \div 3) =$ 1

12 $10000 - 100 =$ 9900

B **Answer**

1 Write the total of 20, $\frac{3}{10}$ and $\frac{9}{100}$ as a decimal. 20.39

2 Write these times using the 24-hour format.
 a 3.57 a.m. a 03:57
 b 2.20 p.m. b 14:20

3 Write as a decimal the number that is 100 times smaller than 6. 0.06

4 Multiply the sum of 7 and 5 by 10. 120

5 From £2 take the total of 58p, 42p and 36p. 64p

6 Decrease 10cm by 28mm. Give the answer in centimetres. 7.2cm

7 Write 3l 800ml to the nearest $\frac{1}{2}l$. 4l

8 How many centimetres in
 a 3.6m a 360cm
 b 2.25m? b 225cm

9 Find the cost of 750ml if $\frac{1}{2}l$ costs £0.74. £1.11

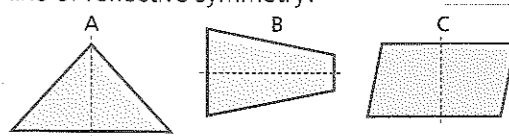
10 Divide the product of 14 and 9 by 6. 21

11 Arrange these digits to make the largest possible odd number.
4 0 9 1 9401

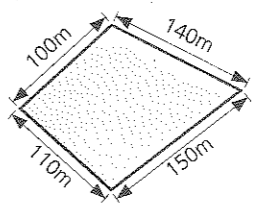
12 How many hundredths are there in
 a $\frac{1}{2}$ a $\frac{50}{100}$
 b $\frac{1}{4}$ b $\frac{25}{100}$
 c $\frac{3}{4}$? c $\frac{75}{100}$

C **Answer**

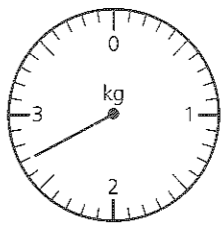
1 What decimal fraction of £1 is
 a 10p a £0.1
 b 1p? b £0.01

2 Which of these dotted lines is not a line of reflective symmetry?
 C

3 Max bought a toy car for £1.50 and a book for £1.99. How much change did he receive from a £5 note? £1.51

4  a Find in metres the perimeter of the field. a 500m
 b How many times round the field is equal to 3km? b 6

5 The train was due to depart at 3.45 p.m. It didn't leave until 16.20. How long was it delayed? 35min

6  The dial shows the mass of a parcel in kilograms and grams. How many grams less than $3\frac{1}{2}kg$ is the mass of the parcel? 800g

7 After spending one-quarter of his money, Thomas had 54p left. How much had he at first? 72p

8 Find the total cost of two packets of popcorn costing 35p each and six lollies costing 10p each. £1.30

9 There are 163 boys at a sports day and there are 37 more girls than boys. How many children altogether? 363

10 Put a decimal point in each of the numbers so that the value of the 8 is 8 units.
 a 4386 a 438.6
 b 2891 b 28.91

11 Katie has 17p and Emma has 25p. How much must Emma give Katie so that they each have the same amount? 4p

12 $\frac{3}{8}$ of a class of 24 children do not own a pet.
 a What fraction of the class own a pet? a $\frac{5}{8}$
 b How many children own a pet? b 15