

SECTION 2 | Test 3

Schofield & Sims

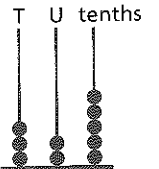
Mental Arithmetic 3 Answers

Answer

Answer

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A Answer

- 1  Write the number shown on the abacus as a decimal. 32.5
- 2 $(5 \times 6) + 4 =$ 34
- 3 80 tenths = 8 units
- 4 $\frac{2}{3} =$ $\frac{4}{6}$ sixths
- 5 $46 + 64 =$ 110
- 6 $125 \times 4 =$ 500
- 7 $\frac{3}{4}$ min = 45 s
- 8 $(9 + 9) - (4 + 8) =$ 6
- 9 $(96 \div 12) + (0 \div 8) =$ 8
- 10 $\pounds 8.54 \div 7 =$ £1.22
- 11 $1\frac{1}{2}$ km - 560m = 940 m
- 12 $\pounds 5.00 - \pounds = \pounds 3.46$ £1.54

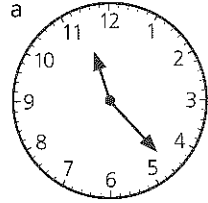
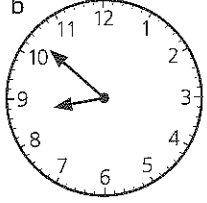
B Answer

- 1 Write as a decimal fraction of a centimetre
a 5mm a 0.5cm
b 8mm. b 0.8cm
- 2 How many hours and minutes from noon to quarter to four in the afternoon? 3h 45min
- 3 Write 6m-875mm to the nearest metre. 7m
- 4 Find the cost of $4\frac{1}{4}$ kg at 16p per kilogram. 68p
- 5 Multiply 6 by 6 and divide the answer by 9. 4
- 6 $\frac{3}{4}$ of a sum of money is 21p. Find the sum of money. 28p
- 7 Find the total of $(16 + 9)$ and (5×5) . 50
- 8 Find one half of four thousand five hundred. Write the answer in digits. 2250
- 9 Subtract the sum of 23p and 28p from £1. 49p
- 10 Add the even numbers between 35 and 39. 74
- 11 How many 5ps are equal in value to £7? 140
- 12 Make each of the following 10 times smaller.
a 8 a 0.8
b 131 b 13.1

C Answer

- 1 Write the length of the line YZ
a in centimetres and millimetres a 5cm 7mm
b in centimetres. b 5.7cm
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- 2 Find the difference between $\frac{1}{4}$ of £0.76 and $\frac{3}{4}$ of £0.76. 38p
- 3 How many days altogether in April, May and June? 91
- 4

SALE
All games reduced by 15p per £1

 How much will be paid for a game that cost £3 before the sale? £2.55
- 5 What number when multiplied by itself gives the number 22 more than 99? 11
- 6 Which two of the fractions when added together equal one whole one? $\frac{3}{4}$ $\frac{1}{3}$ $\frac{1}{5}$ $\frac{5}{8}$ $\frac{4}{6}$
- 7 The perimeter of a square is 10cm. Find the length of one side
a in centimetres and millimetres a 2cm 5mm
b in centimetres. b 2.5cm
- 8 A builder ordered 130kg of cement instead of 13kg. By how many kilograms was the order too much? 117kg
- 9 Write in digits the times shown on the clocks. Use a.m. or p.m.
a  a 11.23 a.m.
b  b 8.52 p.m.
- 10 28 children were on a bouncy castle. There were four more girls than boys. How many boys were there on the bouncy castle? 12
- 11 Scissors cost 44p each and rulers half as much. Find the total cost of 6 pairs of scissors and six rulers. £3.96
- 12 For their birthday, twins Emily and Eloise were given four 50ps, six 20ps and two 5ps, which they shared equally. How much did each have? £1.65

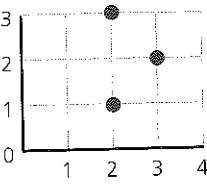
A Answer

- 1 $7.6\text{cm} + 4\text{mm} =$ 8cm
- 2 Write as a decimal $100 + 10 + 1 + \frac{1}{10}$ 111.1
- 3 $50\text{p} - \text{p} = 27\text{p}$ 23p
- 4 $(17 - 8) + (11 - 7) =$ 13
- 5 $\frac{1}{10}$ of 1l = 100ml
- 6 $10000 + 900 + 8 =$ 10908
- 7 $3\frac{3}{4} =$ quarters
- 8 $(8 \times 3) - (0 \times 5) =$ 24
- 9 $17\text{p} \times 7 = \text{p}$ £1.19
- 10 Find
a $\frac{1}{5}$ of £45 a £9
b $\frac{3}{5}$ of £45. b £27
- 11 $44 \div 9 = \text{r}$ 4 r 8
- 12 Round 32.4 to the nearest whole number. 32

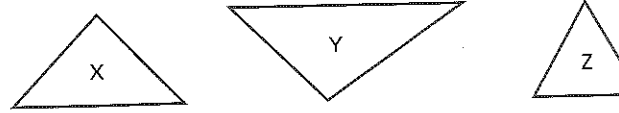
B Answer

- 1 Write as a decimal
a 36 tenths a 3.6
b 104 tenths. b 10.4
- 2 By how many is 44 greater than 19? 25
- 3 What fraction of 1km is
a 100m a $\frac{1}{10}$ km
b 700m? b $\frac{7}{10}$ km
- 4 Find the cost of 20 balloons if five cost 77p. £3.08
- 5 From half past eight to twenty to ten in the morning = 1h 10min
- 6 From the product of 12 and 9 subtract 13. 95
- 7 Find five-sixths of £54. £45
- 8 How many millilitres must be added to $4\frac{1}{4}$ l to make 5l? 750ml
- 9 Make each of the following 10 times larger.
a 0.7 a 7
b 2.3 b 23
- 10 Multiply 61p by 9. £5.49
- 11 What number is the Roman numeral L? 50
- 12 Write the missing signs +, -, x or ÷ in place of ● and ▲.
 $14 \bullet 7 = 35 \blacktriangle 5$ ● - ▲ ÷

C Answer

- 1 Find the whole amount of money when
a $\frac{2}{3}$ is 30p a 45p
b $\frac{5}{8}$ is 40p. b 64p
- 2  The three marked points are three vertices of a square. Write the coordinates of the fourth vertex of the square. (3, 1)
- 3 Continue this sequence 32, 24, 16, 8, 0, -8 -16
- 4 It takes Alicia 75 minutes to get to school. At what time must she leave home to arrive at school at 8.30 a.m.? 7.15 a.m.
- 5 In which of these letters are there two pairs of parallel lines?

F	M	N	W	X	Z
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W
- 6 a How many 500ml water bottles can be filled from 5l? a 10
b How many 50ml bottles can be filled from 5l? b 100
- 7 When a number is divided by 8 the answer is 6 remainder 6. What is the number? 54
- 8 Find the missing numbers in this sequence. 1.6 1.4 1.2 1.0 0.8
- 9 Name
a the acute-angled triangle a Z
b the right-angled triangle b X
c the obtuse-angled triangle. c Y
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- 10 Joe had £1.80 and Leah had half as much as Joe. How much had they altogether? £2.70
- 11 Find the cost of 90g of salt at 40p for 20g. £1.80
- 12 What is the value of
a the largest of these amounts a €10
b the smallest of these amounts? b €8
- | | | |
|----------------------|----------------------|----------------------|
| $\frac{2}{3}$ of €12 | $\frac{3}{4}$ of €12 | $\frac{5}{6}$ of €12 |
|----------------------|----------------------|----------------------|