

Mental Arithmetic 2 Answers

A Answer

- 1 Write 176p in £s. £1.76
- 2 $30\text{cm} \times 4 = 1\text{m} + \blacksquare\text{cm}$ 20cm
- 3 $\frac{1}{4}\text{h} + 20\text{min} = \blacksquare\text{min}$ 35min
- 4 $£1 - 81\text{p} = \blacksquare\text{p}$ 19p
- 5 three 5ps = \blacksquare 2ps + 1p 7 2ps
- 6 $25 + 66 =$ 91
- 7 $8\text{p} \times 6 = 50\text{p} - \blacksquare\text{p}$ 2p
- 8 $1\text{km} - 450\text{m} = \blacksquare\text{m}$ 550m
- 9 $60 \div 12 =$ 5
- 10 $300\text{ml} + 330\text{ml} = \frac{1}{2}\text{l} + \blacksquare\text{ml}$ 130ml

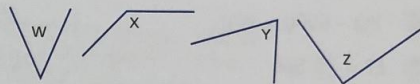
B Answer

- 1 Find the sum of 8 and 492. 500
- 2 Decrease 205 by 10. 195
- 3 Which number is four times greater than 19? 76
- 4 Write the next two numbers in this sequence.
250, 300, 350, \blacksquare , \blacksquare 400 450
- 5 How many grams in one-tenth of a kilogram? 100g
- 6 Find the total of $4\frac{1}{2}\text{l}$, $7\frac{1}{2}\text{l}$ and 15l. 27l
- 7 Write in digits the sum of one hundred and eighty and twenty-one. 201
- 8 How much less is the product of 6 and 5 than 49? 19
- 9 Find the cost of three drinks costing 25p each. 75p
- 10 Divide £2.00 by 10. 20p

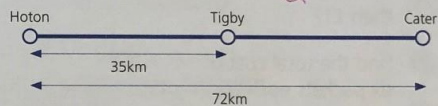
SECTION 1 | Test 10

C Answer


- 1 Name the fifth month of the year. May
- 2 How many 5ps are equal in value to two 20ps? 8 5ps
- 3 Which of the following angles is a right angle? Z



- 4 Find the change from 50p after buying three boxes costing 9p each. 23p
- 5 How far is it from Tigby to Cater? 37km



- 6 Write in digits the number which is ten times one hundred. 1000

- 7  How much more than $\frac{1}{2}$ of this rectangle is shaded? $\frac{1}{4}$

- 8 Which four coins together make 36p? 20p 10p 5p 1p

- 9

Keyrings 5 for 20p

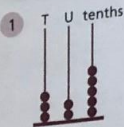
 How much do 20 keyrings cost? 80p

- 10 Ten mints cost 60p. How much would three mints cost? 18p

SECTION 2 | Test 3

Answer

A



Write the number shown on the abacus as a decimal.

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

B

Answer

- 1 Write as a decimal fraction of a centimetre
 - a 5mm 0.5cm
 - b 8mm. 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

Schofield & Sims
Answer

- 1 Write the length of the line YZ
 - a in centimetres and millimetres a 5cm 7mm
 - b in centimetres. b 5.7cm
- 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? $\frac{1}{3}$ $\frac{4}{6}$
- 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 11.23 a.m.
 - 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

Mental Arithmetic 3 Answers

A Answer


- 1 $8000 + \square + 40 + 8 = 8548$ _____ 500
- 2 5 weeks = \square days _____ 35 days
- 3 $420 \div 10 =$ _____ 42
- 4 $\pounds 1.00 - 28\text{p} = \square\text{p}$ _____ 72p
- 5 $1030 + 70 =$ _____ 1100
- 6 $1\text{l} - 450\text{ml} = \square\text{ml}$ _____ 550ml
- 7 $58 \div 8 = \square\text{ r } \square$ _____ 7 r 2
- 8 $6 + \square = 9 + 4$ _____ 7
- 9 $63\text{cm} + 38\text{cm} = \square\text{m } \square\text{cm}$ _____ 1m 1cm
- 10 $\frac{5}{12} + \frac{8}{12} =$ _____ $\frac{13}{12}$ or $1\frac{1}{12}$
- 11 $(\frac{1}{6} \text{ of } 54) + (\frac{1}{3} \text{ of } 12) =$ _____ 13
- 12 $(4 \times 5) + (4 + 5) =$ _____ 29

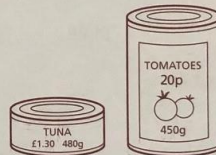
B Answer

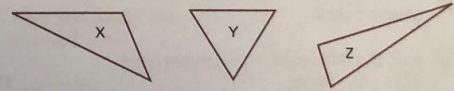
- 1 Find the difference in centimetres between 5m and 465cm. _____ 35cm
- 2 How many thirds in 3 whole ones? _____ $\frac{9}{3}$
- 3 Divide $\pounds 4.20$ by 7. _____ 60p
- 4 Subtract 60cm from $1\frac{1}{2}\text{m}$. _____ 90cm
- 5 Write in digits the time that is $2\frac{3}{4}$ hours after 11 a.m. Use a.m. or p.m. _____ 1.45 p.m.
- 6 Find the sum of $\pounds 0.48$ and $\pounds 1.54$. _____ $\pounds 2.02$
- 7 Write 59 using Roman numerals. _____ LIX
- 8 $18\text{p} + 18\text{p} + 18\text{p} + 18\text{p} =$ _____ 72p
- 9 How many 50ps would be exchanged for $\pounds 9.50$? _____ 19 50ps
- 10 Find the cost of 10 if one costs 25p. _____ $\pounds 2.50$
- 11 Multiply $\$1.99$ by 3. _____ $\$5.97$
- 12 How many flowers each costing 4p can be bought for $\pounds 2$? _____ 50

SECTION 1 | Test 6

C Answer

- 1 From five thousand subtract nine hundred. Write the answer in digits. _____ 4100
- 2 Divide the sum of 4p, 6p, 8p and 10p into four equal amounts. How much is each amount? _____ 7p
- 3 What number must be subtracted from 58 to leave 29? _____ 29
- 4  How much will 36 cards cost? _____ $\pounds 1$
- 5 $18 + 9 - \square = 10$. Find the value of the missing number. _____ 17
- 6 Find the change from $\pounds 1$ after buying six bananas at 14p each. _____ 16p
- 7 How much greater is $\pounds 0.72 \div 8$ than $42\text{p} \div 6$? _____ 2p
- 8 Find the total cost of six tins of tomatoes and three tins of tuna. _____ $\pounds 5.10$



- 9 What is the mass in kilograms and grams of
 - a the six tins of tomatoes _____ a 2kg 700g
 - b the three tins of tuna? _____ b 1kg 440g
- 10 

Which of the triangles is

 - a a right-angled triangle _____ a Z
 - b an acute-angled triangle _____ b Y
 - c an obtuse-angled triangle _____ c X
- 11 Take $\frac{1}{4}$ of 100 from $\frac{7}{10}$ of 100. _____ 45
- 12 How many minutes longer is it from 9.10 a.m. to noon than from 1.30 p.m. to 4.00 p.m.? _____ 20min