

Friday 15th May

Maths Homework answer pages.

Mental Arithmetic 2 Answers

A Answer

- 1 $689 - 80 =$ _____ 609
- 2 $\frac{1}{10}$ of £1 = \square p _____ 10p
- 3 $9p \times 10 = 50p + \square$ 10ps _____ 4 10ps
- 4 $869 = 800 + 9 + \square$ _____ 60
- 5 $515 \div 5 = \square$ _____ 103
- 6 $\frac{1}{2} = \frac{\square}{6}$ _____ 3
- 7 Round 939 to the nearest 10. _____ 940
- 8 $1\text{km} - 110\text{m} = \square$ m _____ 890m
- 9 $(7 \times 9) + 8 =$ _____ 71
- 10 $43 + 38 = 9 \times \square$ _____ 9

B Answer

- 1 Write the value of the 9 in £8.90. _____ 90p
- 2 Write 2l 700ml to the nearest litre. _____ 3l
- 3 How many times larger is 220 than 22? _____ 10
- 4 Write the value of nine 50ps. **£4.50** _____
- 5 What must be added to 360ml to make half a litre? _____ 140ml
- 6 How much less than 100 is the answer to 12×8 ? _____ 4
- 7 Subtract 1m 40cm from 3m. _____ 1m 60cm
- 8 How many minutes are there from 11.30 a.m. to 12.25 p.m.? _____ 55min
- 9 Add the largest of these amounts to the smallest.

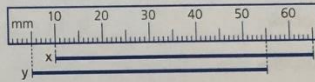
£2.09	£1.90	£2.10	£0.99
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£3.09 _____
- 10 Add together the number of days in the fourth and the fifth months of the year. _____ 61


SECTION 2 | Test 4

C Answer

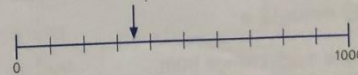
- 1 56 people each went on a fairground ride costing 10p per ride. Write the total amount paid. **£5.60** _____
- 2 A plastic strip $1\frac{1}{2}$ m long is cut into 10 equal pieces. How long is each strip? _____ 15cm
- 3 Three notebooks cost 50p. What will be the cost of nine? **£1.50** _____
- 4 If $\frac{1}{3}$ of a number is 18, what is the number? _____ 54
- 5 Priya saved 10p, 50p and 5p. How much less than £1 is that? _____ 35p
- 6 How much longer in millimetres is line x than line y? _____ 5mm



- 7 The school morning runs from 8.50 a.m. until noon. If there is a 20-minute morning break, how many hours and minutes do the children work? _____ 2h 50min

- 8  Through how many right angles has the minute hand turned since 12 o'clock? _____ 2

- 9 What number is the arrow pointing to? _____ 350



- 10 Four children have these amounts of money.

Amy 8p	Megan 5p	Tom 6p	Sam 9p
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If they put their money together and then share it equally, how much will each child have? _____ 7p

SECTION 2 | Test 9

A

Answer

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

B

Answer

- Write 4l 150ml to the nearest $\frac{1}{2}$ l. **4l**
- The product of two numbers is 72. One of the numbers is 6. What is the other number? **12**
- Increase 23 by 18 and multiply the answer by 10. **410**
- Find the difference between 14 plus 9 and 14 minus 9. **18**
- How much less than $\pounds 1$ is the sum of 18p and 39p? **43p**
- Divide the total of 19 and 17 by 4. **9**
- Write as a decimal fraction of a metre
 - 20cm **a 0.2m**
 - 35cm. **b 0.35m**
- Add the largest of these decimals to the smallest.

1.20	0.12	1.02	0.21
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1.32
- Write as a decimal the number which is 10 times smaller than 8.8. **0.88**
- Write each of these fractions as an equivalent one with the denominator 4.
 - $\frac{9}{12}$ **a $\frac{3}{4}$**
 - $\frac{6}{8}$ **b $\frac{3}{4}$**
- Find the cost of $3\frac{1}{4}$ kg if 1kg costs 16p. **52p**
- Write as decimals the next two numbers in this sequence.
 1000, 100, 10, 1, \square , \square
0.1 0.01

C

Schofield & Sims
Answer

- What decimal fraction of $\pounds 1$ is
 - 2p **a $\pounds 0.02$**
 - 20p **b $\pounds 0.2$**
 - 50p? **c $\pounds 0.5$**
- Chloe is 1.35m tall and Joseph is 8cm smaller. What is Joseph's height in centimetres? **127cm**
- How many glasses each holding $\frac{1}{4}$ l can be filled from a jug holding $6\frac{1}{2}$ l? **26**
- | | | | | |
|---|---|---|---|---|
| 3 | | | | |
| 2 | | | | |
| 1 | | | | |
| 0 | 1 | 2 | 3 | 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)**
- How many centimetres less than $\frac{3}{4}$ m is 0.62m? **13cm**
- 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**
- Louise uses 50g of cocoa each day. How many days will it take her to use $\frac{3}{4}$ kg? **15**
- How many grams heavier is box Y than box X?

X	Y
2kg 150g	2.8kg

650g
- | Date of birth | | By how many months is |
|---------------|----------|-----------------------|
| Sanjay | 28/02/09 | |
| Ben | 30/09/07 | |
| Leo | 30/08/08 | |

 a Ben older than Leo? **a 11mth**
 b Sanjay younger than Leo? **b 6mth**
- Multiplying the Roman numeral V by X gives which Roman numeral answer? **L**
- Akta's T-shirt cost $\pounds 12.70$ and Frankie's cost $\pounds 11.85$. Find
 - the difference in price **a 85p**
 - the total cost of the T-shirts. **b $\pounds 24.55$**
- 1cm on a plan represents 1m. What does 1mm on the plan represent
 - in centimetres **a 10cm**
 - in millimetres? **b 100mm**

A Answer

- 1 $5505 - 500 =$ 5005
- 2 $100 \times 21 =$ 2100
- 3 $14\text{cm} + 15\text{cm} + 16\text{cm} =$ 45cm
- 4 $3 \times 3 \times 3 =$ 27
- 5 $28\text{p} + 25\text{p} + 45\text{p} = \text{£}$ **0.98**
- 6 $\text{£}10.46 =$ \blacksquare 10ps + 3p **104 10ps**
- 7 $\frac{3}{10}$ of 1km = \blacksquare m **300m**
- 8 8 a.m. to 6 p.m. = \blacksquare h **10h**
- 9 $1\frac{1}{2}\text{kg} - 600\text{g} =$ \blacksquare g **900g**
- 10 $(5 \times 7) + (10 \times 8) =$ 115
- 11 $\frac{3}{4}\text{l} - 200\text{ml} =$ \blacksquare ml **550ml**
- 12 $(36 \div 9) + (100 \div 10) =$ 14

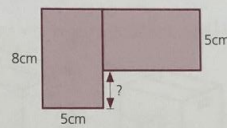
B Answer

- 1 Find the sum of 73 and 48. **121**
- 2 Write 1560mm as metres and millimetres. **1m 560mm**
- 3 Find half of the sum of 12p and 18p. **15p**
- 4 What is the product of 4, 5 and 6? **120**
- 5 How many eighths are there in 7 whole ones? **$\frac{56}{8}$**
- 6 Find the cost of 24 eggs at 6p each. **£1.44**
- 7 What is the remainder when 61 is divided by 9? **7**
- 8 How many years are there from 1984 to the year 2020? **36**
- 9 What number is 101 less than 1000? **899**
- 10 100 chocolates cost £10.00. Find the cost of one. **10p**
- 11 Add the numbers between 20 and 35 that can be divided exactly by 8. **56**
- 12 Find the cost of $3\frac{1}{2}\text{m}$ of ribbon at 16p per metre. **56p**

SECTION 1 | Test 12

C Answer

- 1 Divide the sum of 7, 11, 6 and 4 by 7. **4**
- 2 How many 30cm lengths can be cut from a 3m length? **10**
- 3 Find the cost of 2l 250ml of shampoo if 1l costs £2. **£4.50**
- 4 What must be added to 7 + 9 to equal 7 x 9? **47**
- 5 300 keyrings cost £18. Find the cost of
 - a 100 **£6**
 - b 10. **60p**
- 6 Find the length, in millimetres, of the length marked '?'. **30mm**



- 7 Dan goes to bed at 7.45 p.m. and gets up at 7.45 a.m. How many hours is he in bed? **12h**
- 8 William bought the chess set at a quarter less than the advertised price. How much did he pay? **£2.70**



- 9 The diagram shows two children's heights. How much taller is Fatima than Amy
 - a in centimetres **a 17cm**
 - b in millimetres? **b 170mm**
- 10 How many 200ml cups can be filled from a bottle holding 4l? **20**
- 11 Write 94 using Roman numerals. **XCIV**
- 12 There are 2055 people in a village. Write the number of people
 - a to the nearest 10 **a 2060**
 - b to the nearest 100 **b 2100**
 - c to the nearest 1000. **c 2000**