

# Multiplication and Division

## November 2024 Paper 2

- 6 Jo uses beads to make bracelets.  
For each bracelet she uses 5 red beads and 7 white beads.

Jo has 52 red beads and 80 white beads.

Work out the greatest number of bracelets Jo can make.  
You must show all your working.

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**(Total for Question 6 is 3 marks)**

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## November 2023 Paper 3

- 7 Miklos is swimming lengths of a swimming pool.  
Each length of the pool is 25 m.

Miklos has swum 178 lengths of the pool.  
He wants to swim a total distance of 8050 m.

Calculate how many more lengths Miklos needs to swim.

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**(Total for Question 7 is 3 marks)**

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## November 2021 Paper 1

7 £42 is shared equally between 3 friends.

How much does each friend get?

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**(Total for Question 7 is 2 marks)**

## November 2021 Paper 2

7 A baker has three bags of flour, **A**, **B** and **C**.

Bag **A** and bag **B** contain the same amount of flour.  
Bag **C** contains 940 g of flour.

In the three bags, there is a total of 2500 g of flour.

Work out the amount of flour in bag **A**.

..... g

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**(Total for Question 7 is 3 marks)**

## June 2020 Paper 1

**10** Jenny has 12 marbles.

$\frac{1}{4}$  of these 12 marbles are large.

The rest of these 12 marbles are small.

Each large marble has a weight of 70 grams.

Each small marble has a weight of 50 grams.

Work out the total weight of the 12 marbles.

..... grams

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**(Total for Question 10 is 4 marks)**

## June 2022 Paper 3

- 11** Sinita wants to make 35 picture frames.  
She needs 4 nails for each frame.

Sinita has 3 boxes of nails.  
There are 48 nails in each box.

Has Sinita got enough nails to make all 35 frames?  
Show how you get your answer.

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**(Total for Question 11 is 3 marks)**

## June 2020 Paper 2

**13** A machine fills bags with sweets.

There are 4275 sweets.

There are 28 sweets in each full bag.

The machine fills as many bags as possible.

How many sweets are left?

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**(Total for Question 13 is 3 marks)**

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# June 2024 Paper 1

14 Work out  $273 \times 54$

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**(Total for Question 14 is 3 marks)**

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## June 2020 Paper 2

- 17 Scott wants to make orange juice.  
He is going to buy boxes of oranges.

There are 24 oranges in each box of oranges.
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30 oranges make 2 litres of orange juice.
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Scott needs to buy enough oranges to make 8 litres of orange juice.

- (a) Work out the number of boxes of oranges that Scott needs to buy.  
You must show all your working.

## November 2024 Paper 1

18 Work out  $818.4 \div 1.2$

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**(Total for Question 18 is 3 marks)**

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November 2023 Paper 1

18 Work out  $6.3 \times 2.4$

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**(Total for Question 18 is 3 marks)**

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## June 2023 Paper 1

20 Work out  $8.46 \div 0.15$

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**(Total for Question 20 is 3 marks)**

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## November 2021 Paper 1

20 (a) Work out  $3.67 \times 4.2$

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(3)

(b) Work out  $59.84 \div 1.6$

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(3)

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**(Total for Question 20 is 6 marks)**

## November 2022 Paper 1

22 Work out  $0.004 \times 0.32$

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**(Total for Question 22 is 2 marks)**

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