

**AQA - Numbers – GCSE 2022 Mathematics**

1. *June/2022/Paper\_8300/2F/No.2*

How many hours are there in 5 days?

Circle your answer.

[1 mark]

35

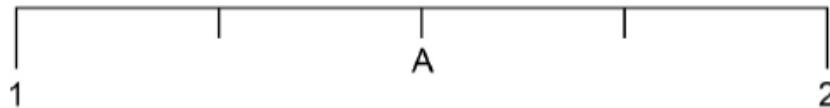
120

150

300

2. *June/2022/Paper\_8300/2F/No.1*

Here is a number line.



Which number is at A?

Circle your answer.

[1 mark]

1.2

1.4

1.5

1.8

## 3. June/2022/Paper\_8300/2F/No.9(b)

(b) Sofia is revising for Maths.

She tries to work out  $3 \times (4 + 2)$

Here is her working.

$$\begin{aligned} 3 \times (4 + 2) &= 12 + 3 \\ &= 15 \end{aligned}$$

What mistake has she made?

[1 mark]

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## 4. June/2022/Paper\_8300/2F/No.12

Sue is working with 2-digit numbers.

She multiplies the digits together to get an answer.

For 63, she multiplies 6 by 3  
so 63 gives an answer of 18

- (a) Write down a different 2-digit number that gives an answer of 18

[1 mark]

Answer \_\_\_\_\_

- (b) Write down a 2-digit number that gives an answer of 0

[1 mark]

Answer \_\_\_\_\_

- (c) Write down a 2-digit number that gives an answer greater than 70

[1 mark]

Answer \_\_\_\_\_

5. June/2022/Paper\_8300/2F/No.21

Show that 2125 can be written as

a cube number **multiplied** by a prime number between 10 and 20

[2 marks]

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6. June/2022/Paper\_8300/2H/No.6

Show that 2125 can be written as

a cube number **multiplied** by a prime number between 10 and 20

[2 marks]

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## 7. June/2022/Paper\_8300/2H/No.15

In the grid, the **product** of each row, column and diagonal is 1

	$\frac{1}{4}$	
	4	$\frac{1}{8}$

Complete the grid.

[2 marks]

## 8. June/2022/Paper\_8300/2H/No.22

Circle the reciprocal of  $8^5$

[1 mark]

$8^{-5}$

$5^{-8}$

$-8^5$

$5^8$