

Please write clearly in block capitals.

**Paper 1 Non-Calculator**

**Foundation Tier**

GCSE

**MATHEMATICS**

I declare this is my own work.

Candidate signature

Forename(s)

Surname

Candidate Number

Centre Number

Morning

Time allowed: 1 hour 30 minutes

|  |  |
| --- | --- |
| For Examiner’s use | |
| Pages | Mark |
| 2-3 |
| 4-5 |
| 6-7 |  |
| 8-9 |  |
| 10-11 |  |
| **TOTAL** |  |

A white paper with black text

Description automatically generated

Day X June 2024

A black text on a white background

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**8300/1F**

2

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0 2

**3**

Circle the percentage that is between ½ and 3/4

40% 60% 80% 90%

**[1 mark]**

**2**

A circle has diameter 10 cm

Circle the radius.

5 cm 10 cm 20 cm 100 cm

**[1 mark]**

**1**

Circle the length of time between 4.00pm and 5.05pm

55 min 65 min 105 min 125 min

**[1 mark]**

Answer **all** questions in the spaces provided.

3

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**4**

Circle the value of 3² + 4²

14 17 25 49

**[1 mark]**

**5**

Simplify fully *8a + 5b + 6a – 2b*

**[2 marks]**

Answer

**Turn over for the next question**

0 3

4

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|  |  |  |
| --- | --- | --- |
|  | **Less than £25** | **£25 or over** |
| **School Students** | 40 | 90 |
| **College Students** | 32 | 38 |



**6**

200 students were each asked about the monthly cost of their phone contract. Here are the results.

**6 (b)**

What percentage of the 200 students had a monthly cost **less than £25?**

**[2 marks]**

Answer

**6 (a)**

How many **more** school students than college students were asked?

**[2 marks]**

Answer

0 4

5

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**8**

Some gamers were asked which type of video game they preferred.

65% said Action.

19% said Role-playing.

The reset said Sports.

What percentage said Sports?

**[2 marks]**

Answer

%

**7**

The only animals on a farm are 30 cows and 80 sheep.

1/5 of the 30 cows are sold

And

5/8 of the 80 sheep are sold.

Work out the **total** number of animals that are sold.

**[3 marks]**

Answer

0 5

6

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**ANSWER IN THE SPACES PROVIDED**

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0 6

7

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**9 (a)**

A diagonal of a rectangle is drawn on a centimetre grid.

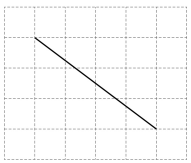
The sides of the rectangle are on the grid lines.

**[2 marks]**

Answer

Work out the area of the rectangle.

cm²

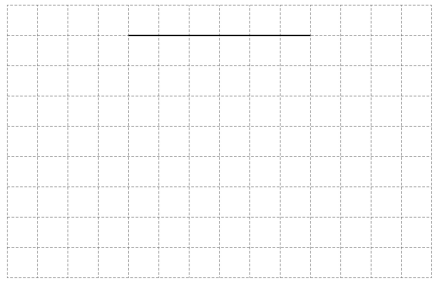


**9 (b)**

One side of a parallelogram is drawn on this centimetre grid. The parallelogram does not have any right angles.

Complete the parallelogram so that it has area 24 cm²

**[2 marks]**



0 7

8

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A black line on a white grid

Description automatically generated

**10 (b)**

Circle the answer to 214 x 30

**[1 mark]**

1284 3210 6420 25 680

**10 (a)**

Write down the answer to 12840 ÷ 428

**[1 mark]**

Answer

**10**

Here is a calculation.

428 x 30 = 12840

Use the calculation to help answer the following questions.

**9 (c)**

Two sides of a rhombus are drawn on this grid.

Complete the rhombus.

**[1 mark]**

0 8

9

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**11 (b)**

Work out the cheapest cost of 10 pencils.

**[3 marks]**

Answer £

**11 (a)**

Marek buys some **packs** of notebooks.

The cost is £60

In total, how many **notebooks** did he buy?

**[2 marks]**

Answer

**Pencils**

56p each

Or

Pack of 6 for £2.70

**Notebooks**

Pack of 8 for £12

**11**

A shop sells notebooks and pencils.

0 9

10

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A star shaped object with text

Description automatically generated

**END OF QUESTIONS**

**11 (c)**

The shop also sells folders for £3.20 each.

The shop has this offer.

Work out the cost of 4 folders using the offer.

**[3 marks]**

Answer £

1 0

11

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