



Please write clearly in block capitals.

Centre number

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Candidate number

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Surname

Forename(s)

Candidate signature

I declare this is my own work.

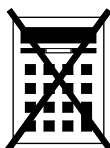
GCSE MATHEMATICS

F

Foundation Tier
First Third

Paper 1 Non-Calculator

June 2025



For Examiner's Use	
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Answer **all** questions in the spaces provided.

1 (a) Write down the next number in the sequence

1 4 7 10

[1 mark]

Answer _____

1 (b) Write down the next number in the sequence

2 4 8 16

[1 mark]

Answer _____

1 (c) Write down the next number in the sequence

20 14 8 2

[1 mark]

Answer _____

1 (d) Work out $3 \times (-6)$

[1 mark]

Answer _____

Turn over for the next question

- 2 Here is a card from a game.

	13		32
8		27	
	15		36

- 2 (a) Write down the number **from the card** that is a multiple of 5

[1 mark]

Answer _____

- 2 (b) Write down the number **from the card** that is a factor of 40

[1 mark]

Answer _____

- 2 (c) Write down the number **from the card** that is a prime number.

[1 mark]

Answer _____

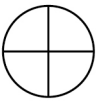
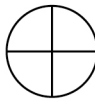
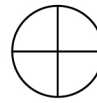
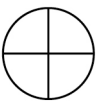
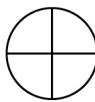
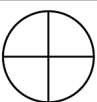
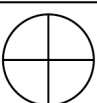
- 2 (d) Write down the number **from the card** that is a square number.

[1 mark]

Answer _____

3

The pictogram shows information about the endings of street names in a town.
The key is missing.

Road	  
Close	 
Avenue	 
Lane	

In the town, there are 48 street names ending in **Close**.

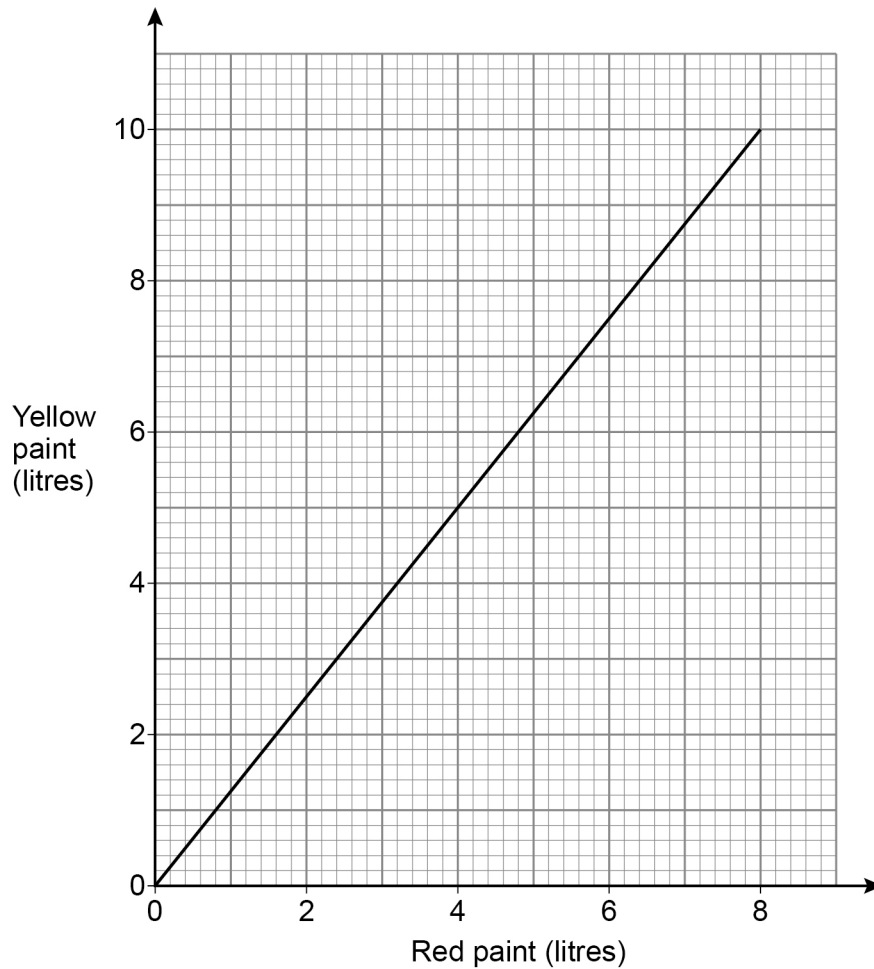
How many street names end in **Avenue**?

[3 marks]

Answer _____

Turn over for the next question

- 4** Ola and Pip make orange paint by mixing red paint and yellow paint.
The graph shows how much of each colour paint to use.



- 4 (a)** Ola uses 5 litres of yellow paint.
Write down how much **red** paint Ola **uses**.

[1 mark]

Answer _____ litres

- 4 (b)** Pip uses 10 litres of yellow paint.
How much **orange** paint does Pip **make**?

[2 marks]

Answer _____ litres

- 5** A number is divided by 8
The answer is 43 remainder 5
Work out the number.

[3 marks]

Answer _____

- 6** Quin buys 200 toys for £4 each.
He sells the toys for £5 each.
What is the **least** number of toys he must sell to make a profit?

[3 marks]

Answer _____

7 Vinyl records cost £25 each.

Offer

Buy one and get another for half price

Arif wants to buy **two** vinyl records.

He saves £8 every Saturday.

7 (a) Assume the offer is permanent.

How many Saturdays does Arif need to save for?

You **must** show your working.

[3 marks]

Answer _____

- 7 (b)** In fact, the offer is only for 1 week and there are no new offers.

What does this mean about the number of Saturdays he needs to save for?

Tick **one** box.

[1 mark]

☐

It is less than the answer to part (a)

☐

It is the same as the answer to part (a)

☐

It is greater than the answer to part (a)

☐

It is not possible to tell

- 8** Here is a list of ingredients for lentil soup.

Lentil soup for 4 people	
Lentils	170 g
Water	600 ml
Onion	50 g

How many grams of lentils are needed to make this soup for 10 people?

[3 marks]

Answer _____ g