



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

H

Higher Tier Paper 2 Calculator
Final Third

June 2025



For Examiner's Use	
Pages	Mark
2-3	
4-5	
6-7	
8-9	
TOTAL	

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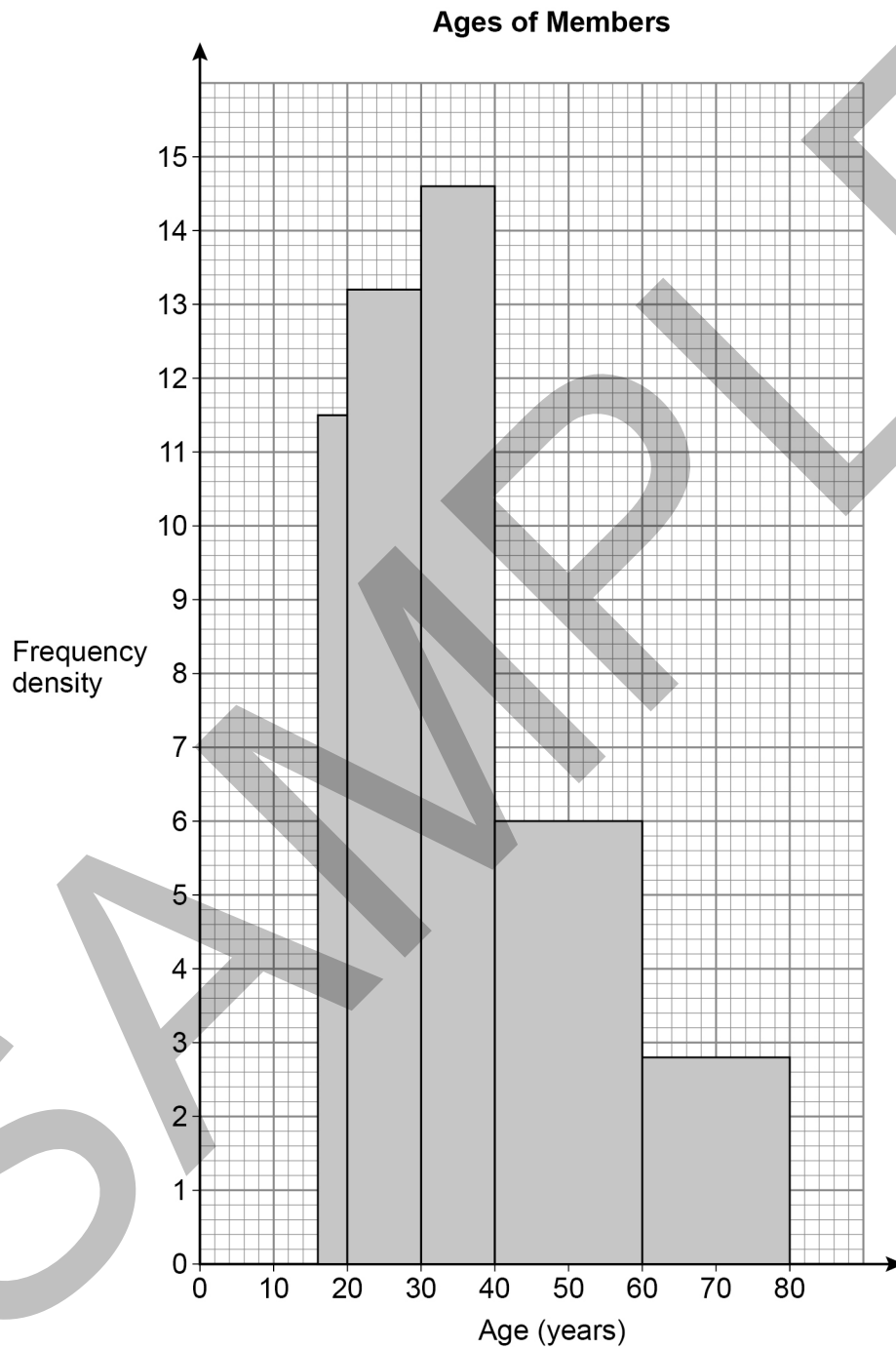
Answer **all** questions in the spaces provided.

Do not write
outside the
box

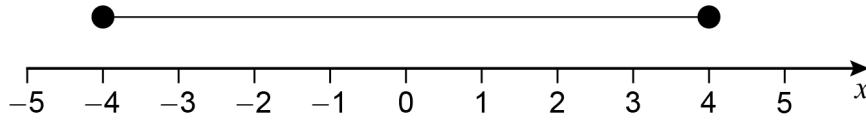
19

The histogram represents the ages of the 500 members of a gym.

The first bar represents the members aged at least 16 and under 20



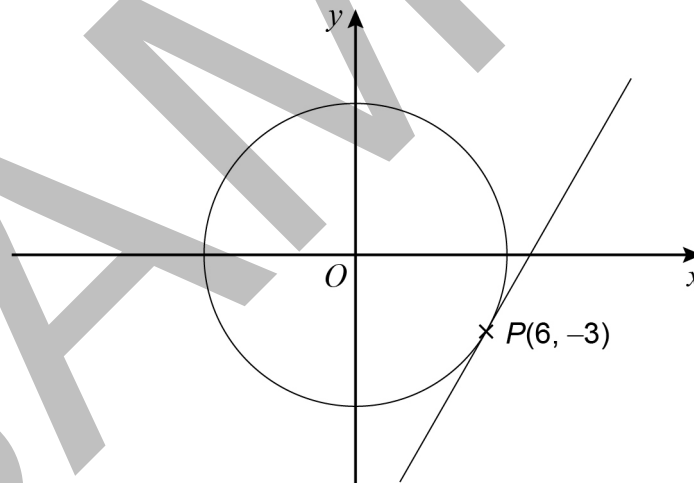
- 20 David has solved the inequality $x^2 < 16$ and represented his solution on the number line below.



Give **one** reason why David's solution is wrong.

[1 mark]

- 21 A circle with centre O and radius $\sqrt{45}$ has a tangent drawn at point $P(6, -3)$



Not drawn
accurately

- 21 (a) Write down the equation of the **circle**.

[1 mark]

Answer _____