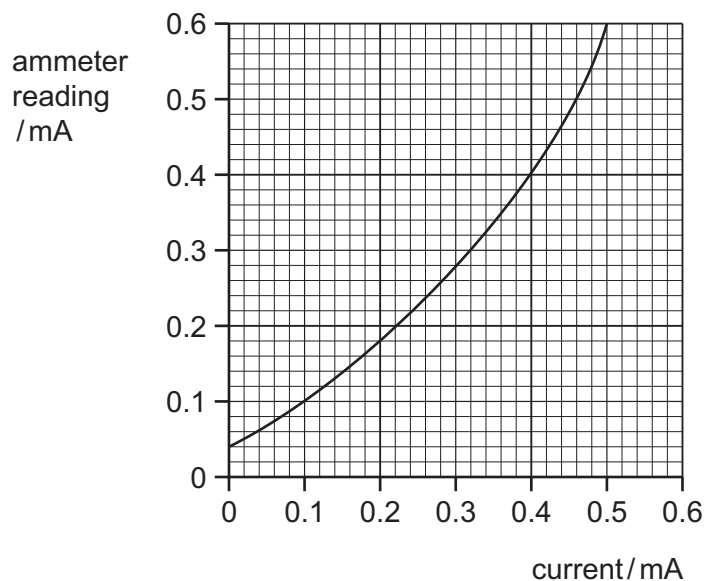


- 1 What is a reasonable estimate of the volume of a fully inflated standard football?
- A 600 cm^3 B 6000 cm^3 C $60\,000 \text{ cm}^3$ D $600\,000 \text{ cm}^3$
- 2 What is **not** an SI base unit?
- A coulomb
B kelvin
C kilogram
D second
- 3 Which two quantities are both vector quantities?
- A displacement and distance
B force and momentum
C torque and time
D weight and pressure
- 4 A calibration curve is shown for an ammeter whose scale is inaccurate.



Two readings taken on the meter at different times during an experiment are 0.13 mA and 0.47 mA.

By how much did the current really increase between taking the two readings?

- A 0.30 mA B 0.34 mA C 0.40 mA D 0.44 mA