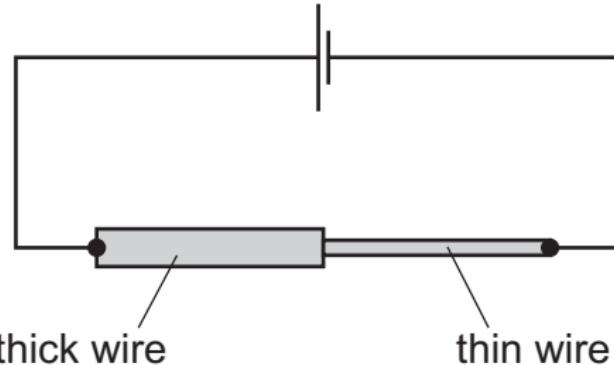


34 A thick copper wire is connected to a thin copper wire in series with a cell, as shown.



What is significantly **less** in the thick wire than in the thin wire?

- A the charge passing a point per unit time
- B the drift speed of the electrons
- C the number density of the free electrons
- D the number of free electrons passing a point per unit time