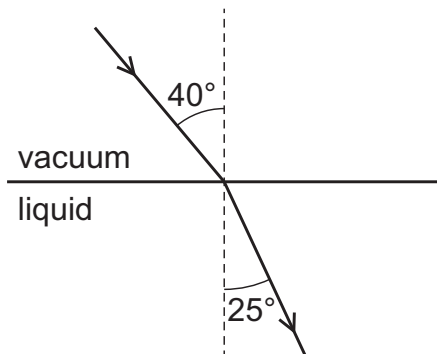


- 19 A beam of light passes through a vacuum and then enters a transparent liquid. The diagram shows the path it takes.



The light travels through the vacuum at a speed of 3.0×10^8 m/s.

What is the speed of light in the liquid?

- A 1.9×10^8 m/s
- B 2.0×10^8 m/s
- C 4.6×10^8 m/s
- D 4.8×10^8 m/s