

**23** A beam of visible light is in a vacuum.

What could be the frequency of the light?

- A**  $5.0 \times 10^5 \text{ Hz}$     **B**  $5.0 \times 10^8 \text{ Hz}$     **C**  $5.0 \times 10^{11} \text{ Hz}$     **D**  $5.0 \times 10^{14} \text{ Hz}$