

23 Brief pulses of red, blue and green light are emitted from the Sun at the same time.

The pulses travel the same distance to reach Mars. Assume that the pulses travel in a vacuum for the full duration of their journey.

In which order would these pulses of light arrive at Mars?

- A** all arrive at the same time
- B** blue first, then green, then red
- C** red first, then blue, then green
- D** red first, then green, then blue

24 The graph shows the time taken for different types of light to travel from the Sun to Mars.