

- 1** Jupiter is at a distance of 0.59 Tm away from the Earth. If a spacecraft is able to travel at an average speed of  $5.6 \text{ km s}^{-1}$ , how much time will it take to reach Jupiter from Earth?

**A**  $1.1 \times 10^2 \text{ s}$       **B**  $1.1 \times 10^5 \text{ s}$       **C**  $1.1 \times 10^8 \text{ s}$       **D**  $1.1 \times 10^{11} \text{ s}$