

**24** The range of frequencies of sound waves emitted by blue whales is 10 Hz to 40 Hz.

The speed of sound in seawater is approximately  $1.5 \text{ km s}^{-1}$ .

What is the approximate range of wavelengths of the sound waves emitted by blue whales?

- A** 6.7 mm to 27 mm
- B** 3.8 cm to 15 cm
- C** 6.7 m to 27 m
- D** 38 m to 150 m