

23 Sound travels through air as a series of compressions and rarefactions.

Which statement correctly compares a compression with a rarefaction?

- A** In a compression, the wavelength is longer than in a rarefaction.
- B** In a compression, the wavelength is shorter than in a rarefaction.
- C** In a compression, the density of the air is greater than in a rarefaction.
- D** In a compression, the density of the air is lower than in a rarefaction.