

**25** A stationary source S emits a sound wave of frequency  $f$ .

The source now moves away from a stationary observer.

Which statement is correct?

- A** The frequency of the source S and the observed frequency are now both higher than  $f$ .
- B** The frequency of the source S and the observed frequency are now both lower than  $f$ .
- C** The frequency of the source S is now lower than  $f$ .
- D** The observed frequency is now lower than  $f$ .

**26** The following table lists five different substances.