

Chapter 30: Sound

1. Explain, using notes and a neat annotated sketch, how sound travels.

2. Human sound perception is determined by the _____ and is measured in _____.

3. A normal conversation at 1 m has a sound level of _____.

4. Explain, in your own words, the *Inverse Square Law*.

5. Define *Reverberation*.

6. Explain, using notes and a neat annotated sketch, the four principles of sound insulation.

7. Explain, using notes and a neat annotated sketch, how the sound insulation performance of a typical stud partition can be improved.

8. Explain, using notes and a neat annotated sketch, how the sound insulation performance of a typical timber first floor can be improved.
