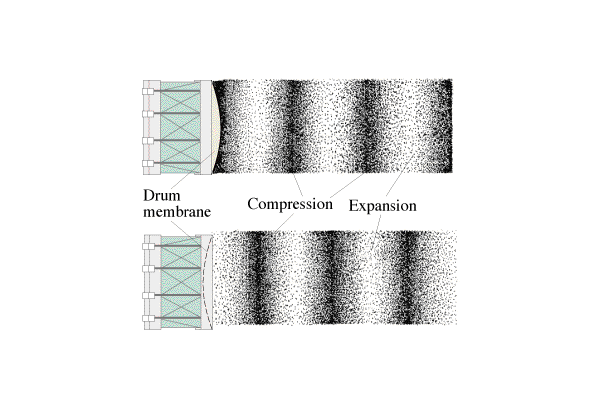
**Noteguide for Sound (Videos 12I1) Name**

What type of wave is sound:

Range of human hearing:

Most sound is:

**v = (331 + 0.60T) m/s, T = temperature in oC**

Example 1 – What is the speed of sound at 20 oC? 42 oC?

Whiteboards:

|  |  |
| --- | --- |
| 1. What is the speed of sound in air at 80 oC?  (379 m/s) | 2. At what temperature in Celsius is the speed of sound 318 m/s? (-21.7 oC) |