**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:

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| 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) |