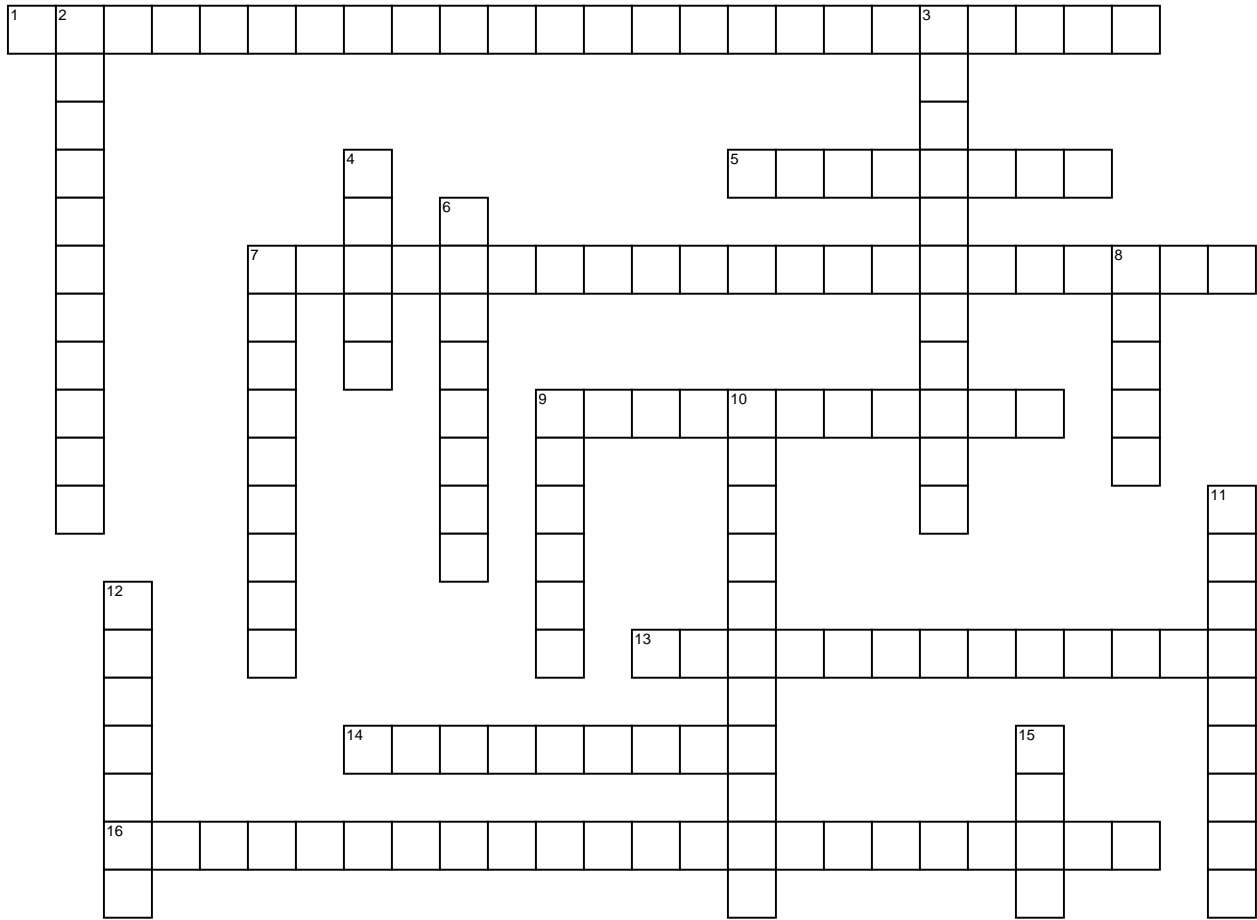


Acoustics Terms



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ACROSS

- 1 describes the gain of a filter at different frequencies (3 words, separated by hyphens)
- 5 filter type: the vocal tract behaves like this type of filter in the production of sounds like /s/ (1 word, no hyphen)
- 7 same as the first harmonic (2 words, separated by a hyphen)
- 9 type of chain reaction that produces a sound wave
- 13 another synonym for "passthruedness"
- 14 to weaken, as in: "an acoustical filter will amplify some frequencies and will _____ others"
- 16 synonym for uniform-circular-motion (3 words, separated by hyphens)

DOWN

- 2 low pressure, low density, wide particle spacing
- 3 higher than atmospheric pressure, high density, close particle spacing
- 4 complex aperiodic sounds show a _____ spectrum rather than the "picket fence" spectrum of complex periodic sounds
- 6 type of spectrum:, as in: "complex periodic signals show a _____ spectrum"
- 7 measured in cycles per second
- 8 complex aperiodic, long-ish
- 9 time required to complete one cycle
- 10 even partial spacing, elastic forces at rest; the zero line on a time-domain representation
- 11 complex aperiodic, short-ish
- 12 filter type that passes energy in the low frequencies (1 word, no hyphen)
- 15 a synonym for "passthruedness"