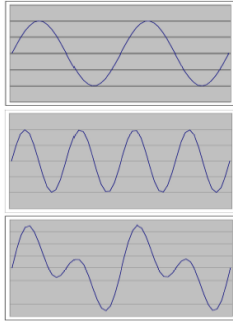


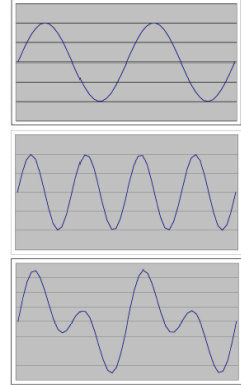
Mixing Sounds

- Sounds can be added
- Two sine waves are added
 - Resulting in the third figure



Mixing Sounds

- We can add sine (or other) waves together to create kinds of instruments/sounds that never existed in nature, but sound complex
- We can create echoes



Make a chord

- Use bassoon-c4, -e4 and -g4 files
- Add them up to create a chord
- First, write an English version of the process

Splicing Sounds

- Splicing gets its name from literally cutting and pasting pieces of magnetic tape together
- Doing it digitally is easy, but not short
 - We find where the end points of words are
 - We copy the samples into the right places to make the words come out as we want them
 - (We can also change the volume of the words as we move them, to increase or decrease emphasis and make it sound more natural.)



How to find sample locations ?

- In JES, MediaTools menu
- Create a sound file, called target, which is a copy of the source file
- Splice a word or two from source, copy it into a different places in target.
- Insert a silence period in target