

1. Modify the following statements to make them true.

Sound is (an acoustic / a mechanical) motion of particles that is capable of producing (an auditory / an audiovisual) sensation.

The speed of sound in the air at normal temperature and pressure is approximately (340 / 1225) m/s.

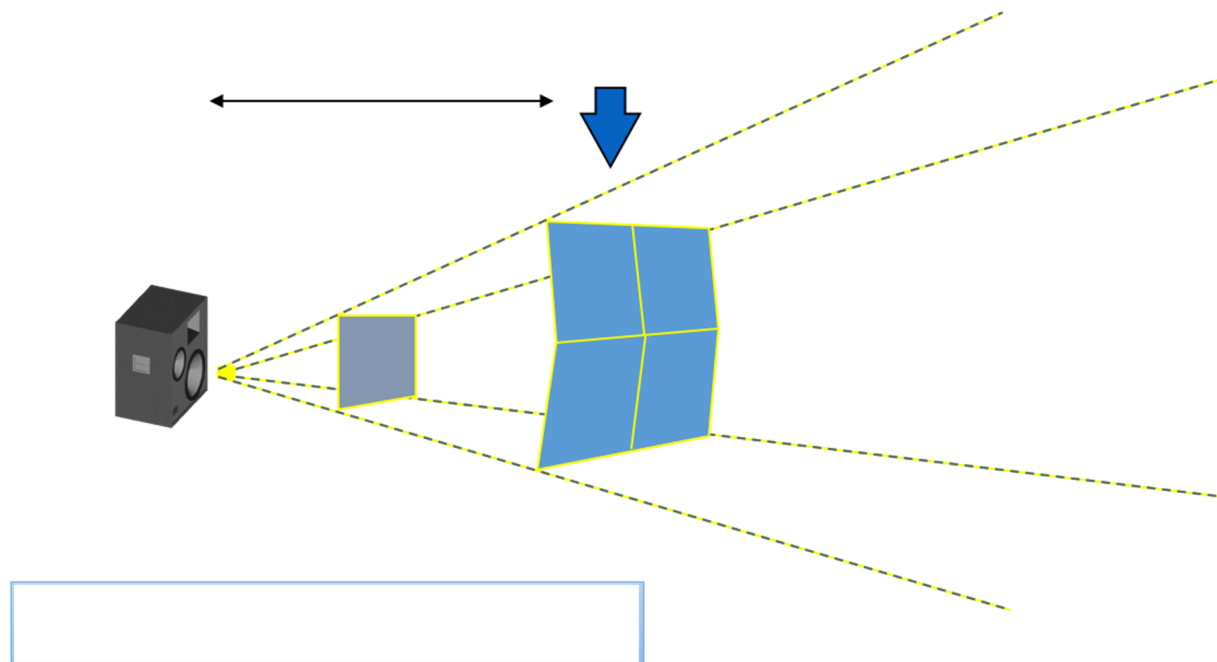
The frequency range of sound that most people perceive is between (20 / 500) Hz and (2 / 20) kHz.

Decibel is (a mathematical / a physical) unit used to measure (intensity / polarization) of sound.

2. Which three factors affect the resulting image contrast?

1. _____
2. _____
3. _____

3. Add the correct labels to the image, according to the inverse square rule:



4. Choose the right statements from the following options.

- Contrast is the most important parameter of a projected image.
- Large-screen imaging is done by using the so-called back reflection projector.
- A central controller is not an essential part of a control system.
- Audioconferencing systems are assemblies of delegate units designed for quality discussion within a meeting room or auditorium.
- Interpreting systems are not multichannel sound transmission systems.
- Network infrastructure provides communication and data exchange between two communicating systems.
- Network infrastructure can be divided to active and passive elements.
- Streaming is a technology of transferring audiovisual material between the source and the end user on customer's request.
- Security of content distribution is a very important part of a storage management system.

5. Modify the following statements to make them true.

Loudspeakers should always be placed in the same plane ($\begin{matrix} \text{perpendicular} \\ \text{parallel} \end{matrix}$) to the axis going from the center of the sound.

High and central (frequency) loudspeakers should be positioned ($\begin{matrix} \text{at the height of legs} \\ \text{at the level of ears} \end{matrix}$).

Microphones should be placed ($\begin{matrix} \text{within direct reach} \\ \text{outside direct reach} \end{matrix}$) of loudspeakers.

6. A control system consists of the following components:

1. _____
2. _____
3. _____
4. _____
5. _____