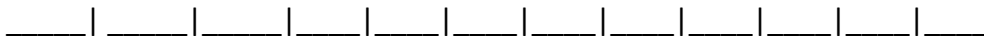


Name (print **NEATLY**) _____

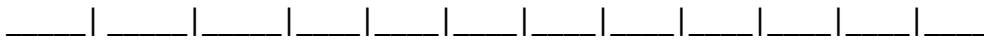
[A-5] Define the following terms, and answer the questions

Draw a arrow pointing off the page to indicate that your work is continued on the back side.

1. Sound intensity: What does it measure, and what units are used?
2. Inverse Square Law: What is the equation for it relating intensity (I) and distance (D)?
3. Linear scale: Imagine the following was the x-axis on a graph. Show an example of a linear scale by labelling the values at the tick marks:



4. Logarithmic scale: Imagine the following was the x-axis on a graph. Show an example of a logarithmic scale by labelling the values at the tick marks:



5. dB
6. Loudness: How are 3dB and 10dB increases/decreases in intensity perceived by a listener?
7. Binaural listening: What is it, and using what type of playback system can it best be experienced by a listener?
8. Localization: What is ITD and ILD?
9. Outer, middle, and inner ear: What are the parts in each, and what are their functions?