

Doppler Effect Buzzer Worksheet

Demonstration 1. Doppler Effect

1. Describe the sound of the rotating buzzer. Does the pitch (highness or lowness) of the sound change? If so, at what points during the rotation does the buzzer appear to have the highest pitch? What part of the rotation produces the lowest pitch?

Demonstration 2. Buzzer in a Vacuum

1. Describe the sound of the buzzer after the vacuum pump is turned off. How does it compare to the original sound of the buzzer?