

Note Taking Guide - Episode 1201 - Part 2

Doppler Effect:

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Examples/Uses -

Sketch dog (as a large dot) and water waves in each situation below:

Dog paddles while remaining still.

Dog moves to right.

Dog moves at same speed as water waves.

When a plane moves as fast as the sound waves it produces, _____ interference occurs and a wall of _____ pressure air forms in front of the plane. This wall is called the _____ barrier.

A _____ boom is a cone of compressed _____ that trails behind a supersonic plane.

Sketch the overlapping sound waves following the plane.

Show What You Know (*on back*)