

NAME _____

PERIOD _____

13.3 WAVE PROPERTIES AND BEHAVIORS

Learning Target: I can describe, interpret, and solve problems involving wave properties and behaviors.

DIRECTIONS: Watch the following three videos on the website and take notes in your regular notebook. When you get to the sample questions in the video, use this study guide to write the correct solutions and any corresponding explanations.

VIDEO 1: WAVE BASICS

Sample question 1:

Sample question 2:

Sample question 3:

NAME _____

PERIOD _____

Sample question 4:

VIDEO 2: WAVE CHARACTERISTICS

Sample question 1:

Sample question 2:

Sample question 3:

NAME _____

PERIOD ____

Sample question 4:

Sample question 5:

Sample question 6:

VIDEO 3: THE WAVE EQUATION

Sample problem 1:

NAME _____

PERIOD ____

Sample problem 2:

Sample problem 3:

Sample problem 4:

Sample problem 5:

NAME _____

PERIOD ____

Sample problem 6:

Sample problem 7: