

Waves Activity 4
5-18-20 to 5-25-20

Name: _____

Read the attached textbook pages (Prentice Hall: chapter 1, section 4.)

Answer the section review questions

1. What is the relationship between wave speed, frequency, and wavelength?
2. If the frequency and wavelength of a wave are changed, what happens to the speed? Why?
3. A wave has a frequency of 10 Hz and a wavelength of 30 m. What is its speed?
4. If the frequency of the wave in question 3 were 20 Hz, what would be the wavelength?