

Waves on Strings Practice Worksheet

1. A particular string vibrates with four antinodes at a frequency of 912Hz. What is the fundamental frequency of the string?

2. a. If the string in the picture is 6.0m long, what is the wavelength of the wave that is pictured?



- b. If the speed of waves on this string is 200m/s, what is the frequency of the wave that is pictured?
3. A certain vibrating string has a fundamental frequency of 50Hz. If the speed of the wave on the string is 100m/s, what is the length of the string?