

Waves - Review 1

Name - _____

What you need to know

- 1.) Define medium -

- 2.) Will a reflected pulse be upright (erect) or flipped (inverted) when a pulse reaches the free end of the medium it is traveling in?

- 3.) Will a reflected pulse be upright (erect) or flipped (inverted) when a pulse reaches the fixed end of the medium it is traveling in, why?

- 4.) What is the name of the pulses which move from the incident medium into the new medium?

- 5.) What is the name of the pulse which bounces back from a new medium into the old one?

- 6.) What is the principle of superposition?

- 7.) Copy examples 1 and 2 (from your notes) of superposition here.

8.) Define constructive interference and sketch a situation where this would occur.

9.) Do the same for destructive interference.

10.) What are nodes and anti-nodes?

11.) In 3 full wavelengths how many nodes and anti-nodes will occur?

12.) Do the questions off of p. 297 and 301 here.