

Walking Through the Text

Use pages 16-18 in your textbook to complete the following steps in "THIVRR".

<p>T itles</p>	
<p>H eadings</p>	
<p>I llustrations</p>	<p>Make a simple diagram of a wave. Label crest, trough, amplitude, frequency, and wavelength. For frequency, you will need to indicate a span of time, such as one second.</p>
<p>V ocabulary</p> <p>Please write a sentence using the vocabulary terms.</p>	<p>Crest- _____</p> <p>_____</p> <p>Trough- _____</p> <p>_____</p> <p>Amplitude- _____</p> <p>_____</p> <p>Wavelength- _____</p> <p>_____</p> <p>Frequency- _____</p> <p>_____</p>

Read Questions

Answer the following questions after you have read the section.

1. What are three properties of a wave that can be measured?
2. How is amplitude related to energy?
3. Look at the diagram on page 17. How many wavelengths are shown in the diagram? How do you know?
4. What two measurements of a wave do you need to calculate its speed?
5. Suppose you are watching water waves pass under the end of a pier. How can you figure out their frequency?

Read the Section

Record 5-6 important details from the section.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.