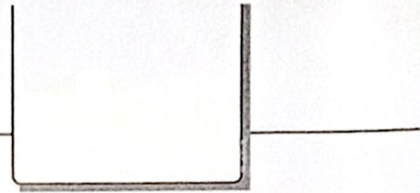


Name \_\_\_\_\_

Date \_\_\_\_\_

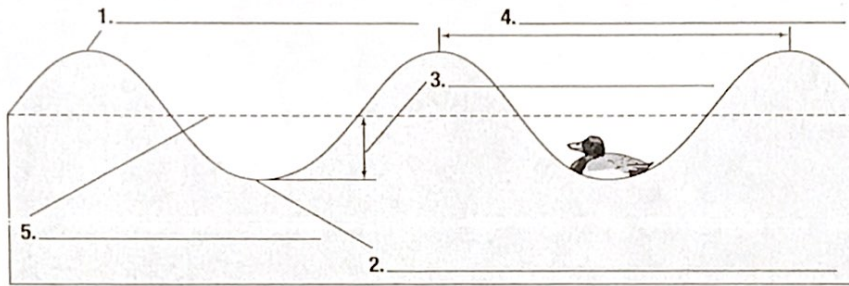


Use with textbook pages 134–136.

## Features of a wave

Use the vocabulary words in the box below to label the parts of a wave.

Vocabulary	
amplitude	wavelength
crest	rest position
trough	



On the line beside each term, describe the wave feature.

6. amplitude \_\_\_\_\_

\_\_\_\_\_

7. crest \_\_\_\_\_

\_\_\_\_\_

8. trough \_\_\_\_\_

\_\_\_\_\_

9. wavelength \_\_\_\_\_

\_\_\_\_\_

10. rest position \_\_\_\_\_

\_\_\_\_\_

Name \_\_\_\_\_

Date \_\_\_\_\_

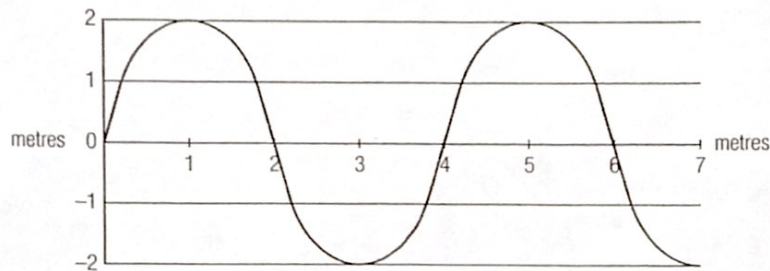
Use with textbook pages 134-138.

## Characteristics of waves

Use the information in the graphs to answer the questions.

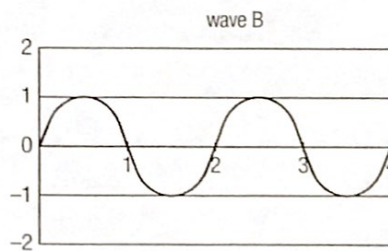
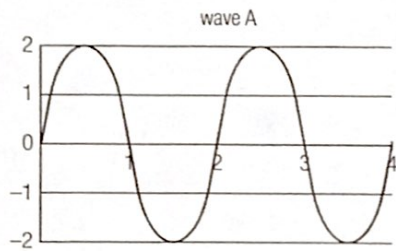
1. How long is the wavelength of the wave below? \_\_\_\_\_

2. How large is the amplitude of the wave below? \_\_\_\_\_



3. Which wave below has the smaller amplitude, A or B? \_\_\_\_\_

4. Which wave carries more energy, A or B? \_\_\_\_\_



5. What is the same for waves X and Y below: amplitude, wavelength, or frequency?  
\_\_\_\_\_

6. Which wave has a greater frequency, X or Y? \_\_\_\_\_

7. Which wave has a longer wavelength, X or Y? \_\_\_\_\_

