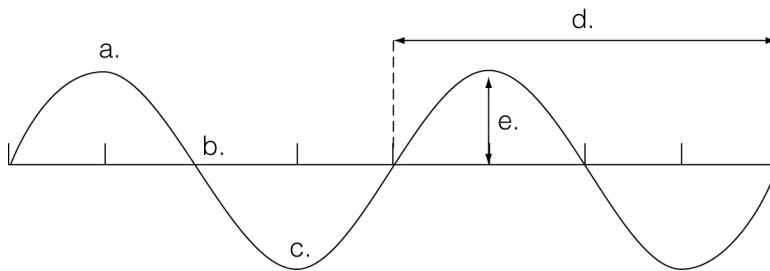


Goal • Use this page to help you review wave concepts.

What to Do

Complete the exercises on this page. You may refer to pages 135 and 136 of *BC Science 8* if you need to review.

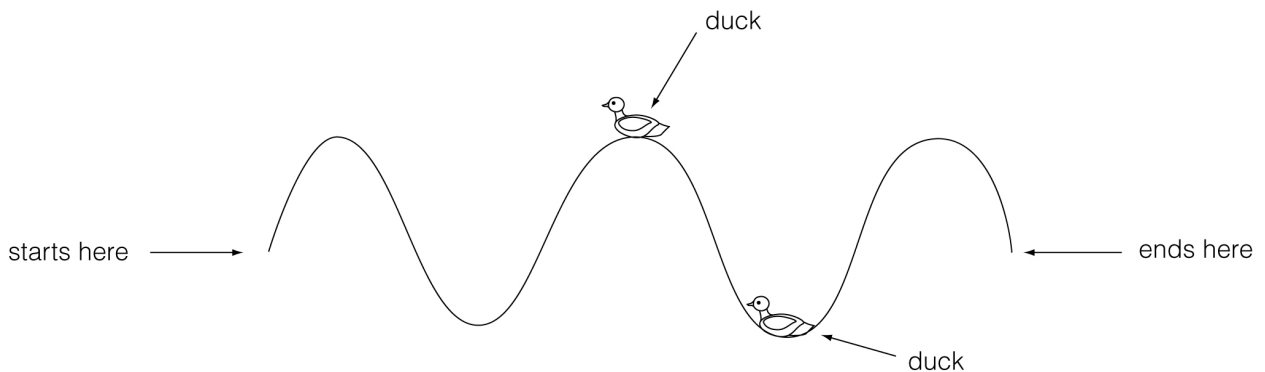
1. In the diagram below, fill in the labels on the right side of the picture. Choose words from this list: trough, amplitude, crest, wavelength, rest position.



- a. _____
 b. _____
 c. _____
 d. _____
 e. _____

2. How many wavelengths are shown in the above diagram? _____
3. The number of cycles per second is the _____, which is measured in _____ (Hz).
4. Calculate the frequency of a wave that goes up and down 8 times in 4 seconds.

5. In the diagram below, how many wavelengths apart are the two ducks? _____



6. In the above diagram, how many wavelengths are shown? _____