

# What Are Waves? SS# \_\_\_\_\_

Section 1-1 Review

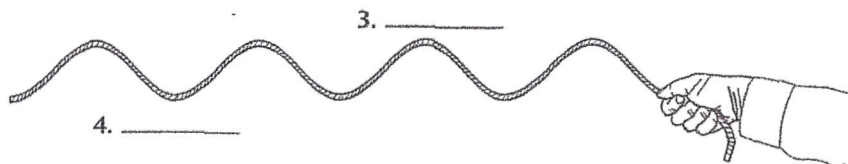
## ◆ Understanding Main Ideas

Answer the following.

1. What causes waves?
2. Using a spring as an example, explain the compressions and rarefactions of a wave.

## ◆ Building Vocabulary

Label the trough and crest of the wave in the illustration below.



Answer the following questions about the wave shown above in the spaces provided.

5. What medium is the wave traveling through?

\_\_\_\_\_

6. What is the source of energy causing the wave?

\_\_\_\_\_

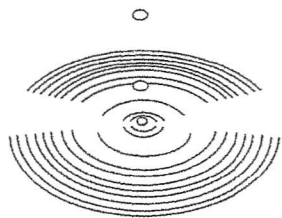
7. Why is the wave called a mechanical wave?

\_\_\_\_\_

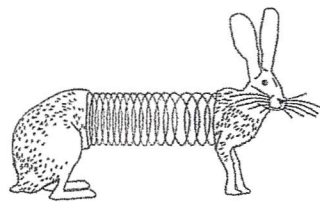
8. What type of wave is this?

\_\_\_\_\_

Label each wave shown below as a longitudinal, transverse, or surface wave.



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



10. \_\_\_\_\_

Objective:

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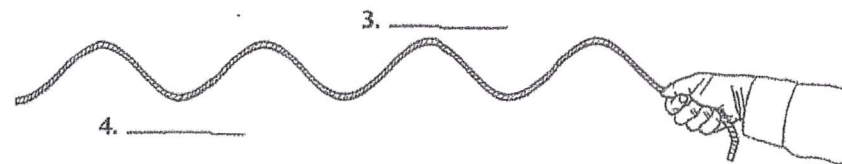
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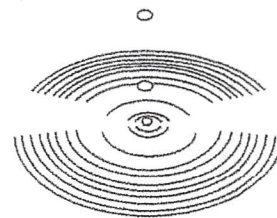
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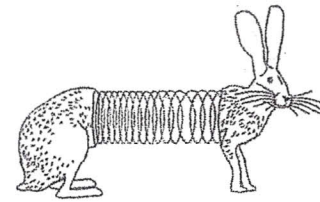
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