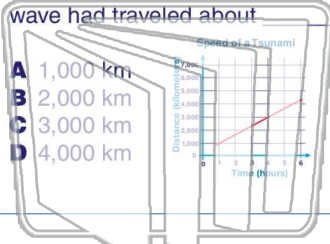




Name _____ Class _____ Date _____

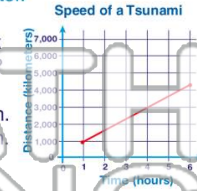
1 The graph below plots the **speed** of a tsunami and the distance it traveled. **One hour** after the tsunami started, the wave had traveled about _____.

- A 1,000 km
- B 2,000 km
- C 3,000 km
- D 4,000 km



2 A seismologist knows the following information: hour 1 was at **5:00 a.m.** in India, and India is **3,000 km** from the epicenter. At approximately **what time** might India be struck by the oncoming tsunami?

- A 4:00 a.m.
- B 5:00 a.m.
- C 8:00 a.m.
- D 1:00 p.m.



3 Based on the graph below, the **speed** at which the tsunami traveled _____.

- A kept increasing

Speed of a Tsunami

4 In this diagram, **A** represents a _____.

- A longitudinal wave;
- B represents a _____

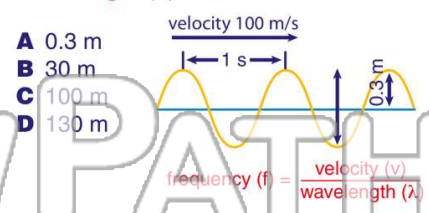
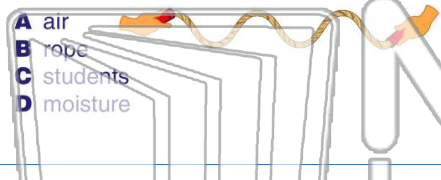


PREVIEW

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7 is showing some **wave activity**. What is the **medium** for the waves?

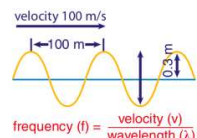
- A air
- B rope
- C students
- D moisture



- A 0.3 m
- B 30 m
- C 100 m
- D 130 m

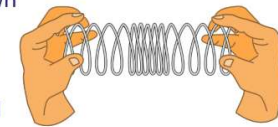
9 The amplitude of this wave is 0.6 m. The **amplitude** of a wave is the distance _____.

- A from the crest of one wave to the crest of the next wave
- B from the trough of one wave to the trough of the next wave
- C between wavelengths
- D from the crest to the trough within a wave



10 In the picture below, determine which **direction** the wave is moving.

- A up and down
- B to the left
- C to the right
- D cannot be determined

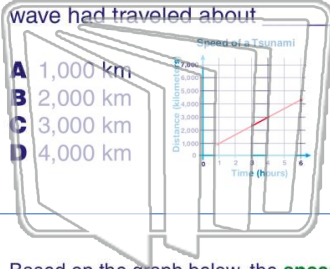




Name _____ Class _____ Date _____

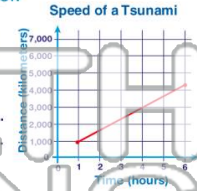
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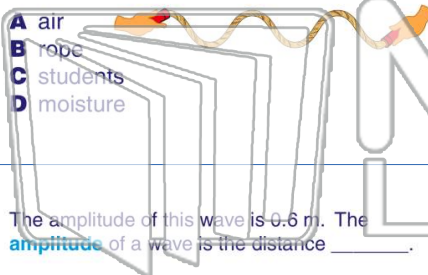


PREVIEW

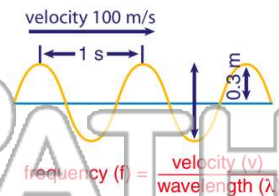
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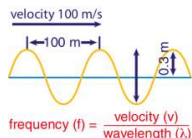


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