

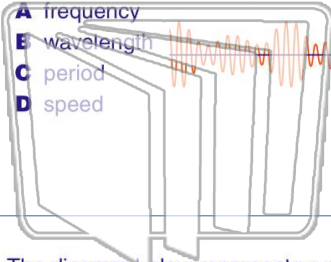


Name _____ Class _____ Date _____

1

Radio waves and gamma rays traveling in space have the same

- A frequency
- B wavelength
- C period
- D speed



2

Two waves having the same amplitude and the same frequency pass simultaneously through a uniform medium. Maximum destructive interference occurs when the phase difference between the two waves is

- A 0°
- B 90°
- C 180°
- D 360°

3

The diagram below represents a wave traveling in a uniform medium.

Which two points on the wave are

4

Which waves can be polarized?

- A light waves from an incandescent bulb



5

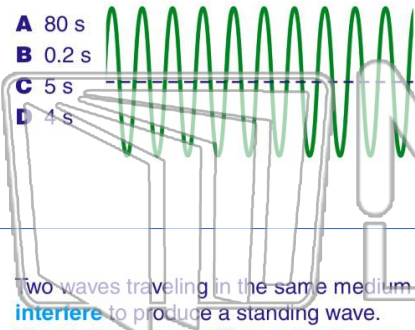


PREVIEW

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7

- A 80 s
- B 0.2 s
- C 5 s
- D 4 s



Which two points on the wave are in phase?

- A A and D
- B A and G
- C C and K
- D D and I



9

Two waves traveling in the same medium interfere to produce a standing wave. What is the phase difference between the two waves at a node?

- A 0°
- B 90°
- C 180°
- D 360°

10

As a pulse travels along a rope, the pulse loses energy and its amplitude

- A decreases
- B increases
- C remains the same

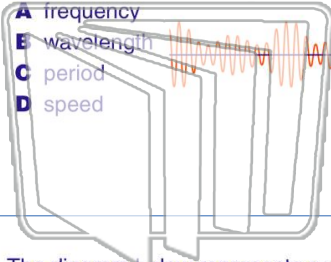




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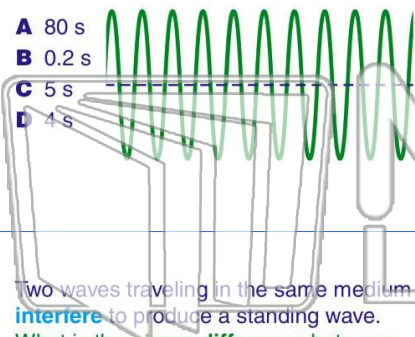
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PREVIEW

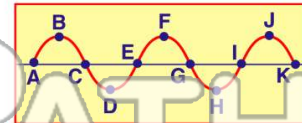
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