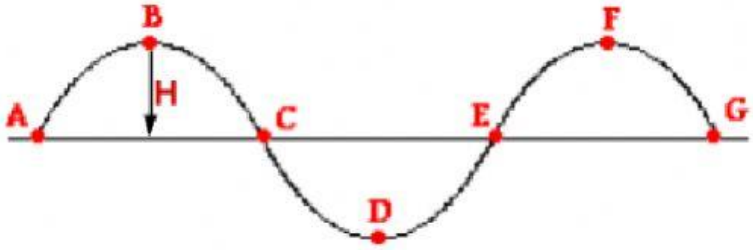
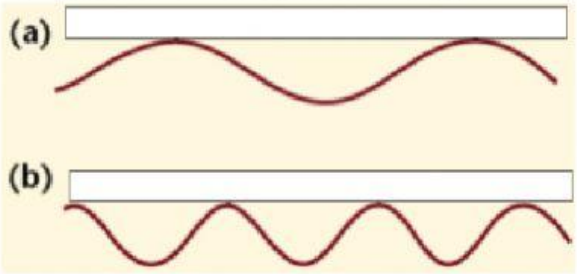
Parts and Trends of Waves Checkpoint - Part 1

For questions 1 - 5, use the diagram below.



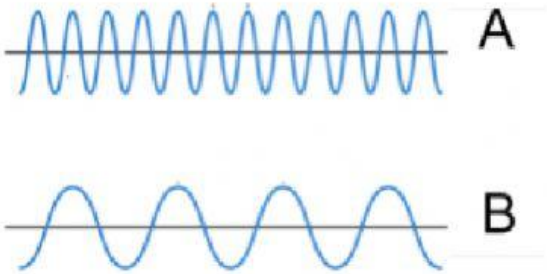
1. Which part of a wave is represented by the letter D?
2. Which part of a wave is represented by the letter H?
3. Which part of a wave is represented from letter B & F?
4. What part of the wave is represented from point B to point F?
5. Point B to point F is a total of 1 wave. Therefore the _____ of this wave is 1hz?

For questions 6 & 8, use the diagram below.



6. Which of the following has the shortest wavelength?
7. Which of the following has the lowest Frequency?
8. Which is accurate regarding the relationship between wavelength and frequency?
   A. Shorter wavelength; higher frequency; less energy
   B. Longer wavelength; higher frequency; more energy
   C. Shorter wavelength; higher frequency; more energy
   D. Longer wavelength; lower frequency; more energy

For questions 9 & 10, use the diagram below.



9. Which one has the longest wavelength?
10. Which one has a higher Frequency?

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