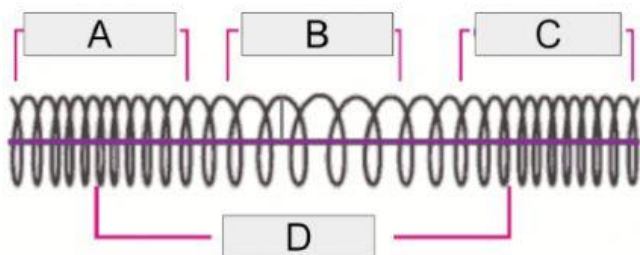


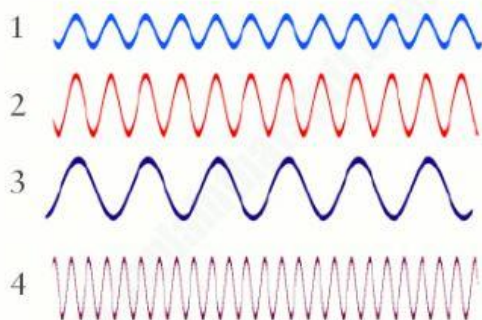
Parts and Trends of Waves Checkpoint - Part 2

For questions 1 - 4, 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 letters A & C?
3. Which part of a wave is represented by the letter B?

For question 5 - 6, use the diagram below.

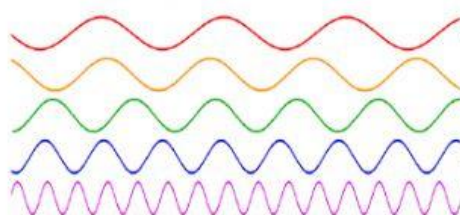


www.explainthatstuff.com

5. Which statement most accurately compares wave 1 to wave 4?
- A. Wave 1 has a taller amplitude than wave 4
 - B. Wave 3 has a shorter wavelength than wave 1.
 - C. Wave 4 has a higher frequency and amplitude than wave 1.
 - D. Wave 1 has more energy than wave 4.

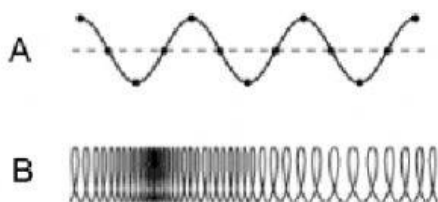
6. Which wave has the highest frequency?

For question 7, use the diagram below.



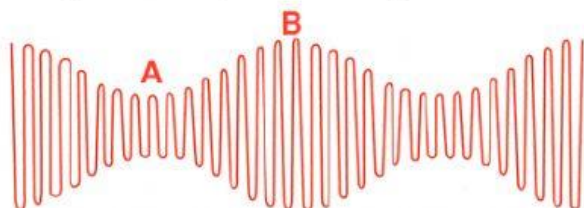
7. What is true about these waves?
- A. The purple wave has the highest frequency, therefore it has the lowest energy.
 - B. The orange wave has the shortest wavelength and highest energy.
 - C. The green wave has the lowest amplitude and the highest energy.
 - D. The red wave has the longest wavelength, and lowest frequency. Therefore it has the lowest energy.

For question 8 - 9, use the diagram below.



8. Which wave represents a Longitudinal Wave?
9. Which wave represents a Transverse Wave?

For question 10, use the diagram below.



10. Which portion of the wave is carrying the most energy?