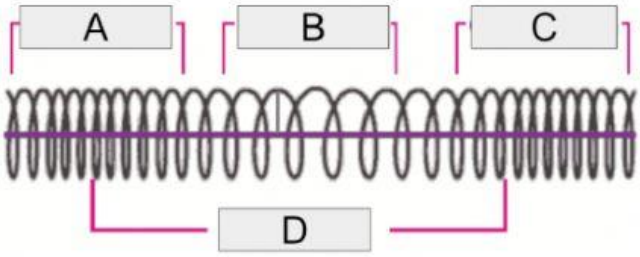
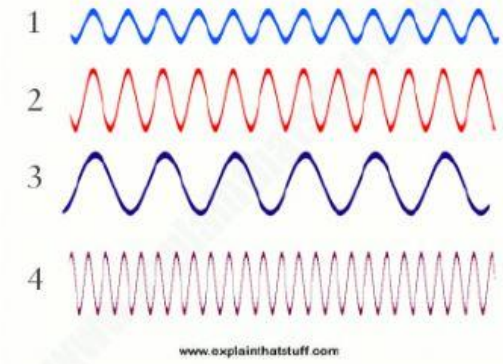
Parts and Trends of Waves Checkpoint - Part 2

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.

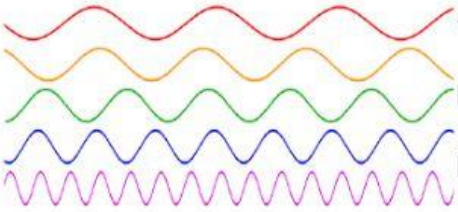


5. Which statement most accurately compares wave 1 to wave 4?

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?

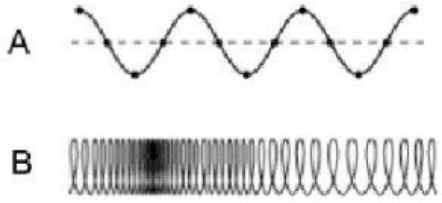
For question 7, use the diagram below.



7. What is true about these waves?

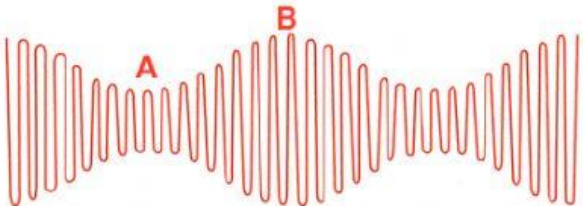
A. The purple wave has the highest frequency, therefore it has the lowest energy.
B. The orange wave has the shortest wavelength and highest energy.
C. The green wave has the lowest amplitude and the highest energy.
D. The red wave has the longest wavelength , and lowest frequency. Therefore it has the 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?

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