دائرة التعليم والمعرفة
DEPARTMENT OF EDUCATION AND KNOWLEDGE

Al Daher School
Grade 8

newcentury EDUCATION

Name: .....

Waves

Key words	Translation	Write the key words
Wave	موجة	
Energy	طاقة	
Amplitude	سعة	
Transvers	مستعرضة	
Longitudinal	طولية	
Crest	قمة	
Trough	قاع	
Rest position	موضع الاتزان	
Compression	انضغاط	
Rarefaction	تخلخل	
Wavelength	طول الموجة	
Frequency	التردد	
Speed	السرعة	

1- The distance between the rest position and the crest:

A. Wavelength
B. Amplitude
C. Compression
D. Pulse

2- The distance between two crests or two troughs.

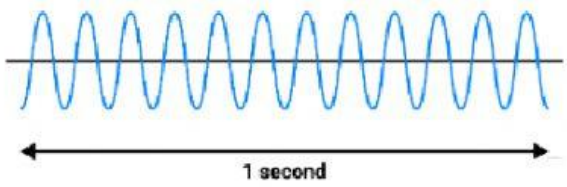
A. Speed
B. Wavelength
C. Frequency
D. Amplitude

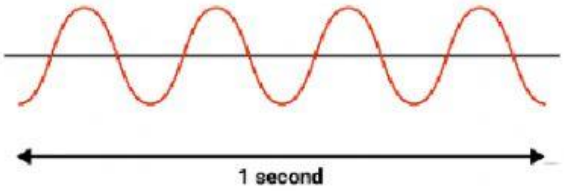
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3- The number of waves in one second.

A. Speed
B. Wavelength
C. Frequency
D. Amplitude

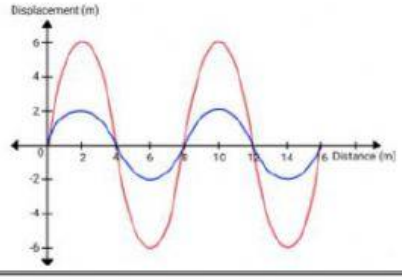
4- What is the frequency of the waves shown in the figure?





5- A wave has a frequency of 200 HZ and wavelength of 2 m. What is the speed of this wave?

6- Which wave has the largest energy?



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