Wave Worksheet

$Speed = wavelength \times frequency$

The time from the beginning to the end of the wave train in each situation is 1 second

	1			
	a) How many waves are there in this wave train?	1	***	Wave 1
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2				

_ cm c) Amplitude ___ Cm

d) frequency ____ HZ

b) Wavelength _

The month formula

a) How many waves are there in this wave train?

b) Wavelength _ cm c) Amplitude_ l Gm

Wave 3

d) frequency __ ZHZ

e.) speed _

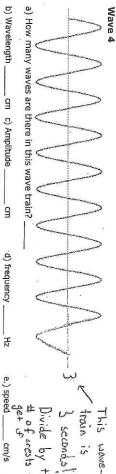
a) How many waves are there in this wave train?

b) Wavelength _ cm c) Amplitude 3

d) frequency__ ZH |

e.) speed __

_ cm/s



_ cm c) Amplitude 3

get of crests to Divide by the seconds cm/s

b) Wavelength cm .c) Amplitude

d) frequency_

e.) speed __

Wave 6

a) How many waves are there in this wave train?

b) Wavelength _ cm c) Amplitude _

d) frequency _ ZHZ

e.) speed

_ cm/s

What is a wave?

What is the top of a wave called?

What is the bottom of a wave called?

What is frequency?

5. If a wave is traveling at 60 cm/second and has a wavelength of 15 cm, what is the frequency?

What does amplitude measure?

What is the difference between a transverse wave and a longitudinal wave? Must กายกร้างกา เลยรับเรา

Are sound waves transverse waves or longitudinal waves?

9 Draw and label a longitudinal wave with alternating compressions (3) and rarefactions (2)

10. As Energy Increases,

a) frequency will b) wavelength will c) amplitude will.

Write increase or decrease

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Speed = wavelength x frequency		Wave Worksheet
	20	

b) Wavelength 32 cm c) Amplitude_ a) How many waves are there in this wave train? Wave 3 a) How many waves are there in this wave train? a) How many waves are there in this wave train? b) Wavelength _ b) Wavelength 20 cm c) Amplitude Wave 1 The time from the beginning to the end of the wave train in each situation is 1 second.

A) Crest

B) Mave length cm c) Amplitude いいい 333 23 23 3 d) frequency _____ Hz d) frequency____0 d) frequency __ V Hz e.) speed 6 77 事情温度 The moth formula of the top

a) How many waves are there in this wave train?
b) Wavelength 10 cm c) Amplitude 7 cm

m c) Amplitude

d) frequency

- Hz

00 mr/5

10. As

knergy Increases;

a) frequency

Write increase or decrease

e) amplitude b) wavelength

increase decrease veces 6 train is This wave-

5 seconds

Wave 5

b) Wavelength

_cm .c) Amplitude

d) frequency Hz

e.) speed _

