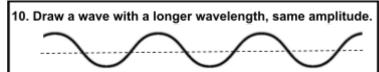
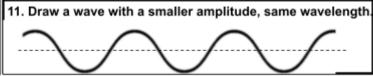
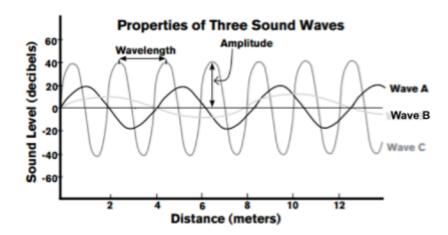
8th Science Waves Worksheet	1 Name
1. Write the terms for the diagrams	on the lines provided
A B	A: D:
	B: E:
f F	C: F:
D	
Frequency for #2-5 use WAVE A,B,C	Wave A Wave B Wave C
2. How many wavelengths long is	Wave A
Wave A: Wave B: Wave C:	
3. Which wave has the highest frequency?	lowest frequency?
4. How can you tell by looking at it if a wave	has high or low frequency?
the baby has the highest voice. The higher the	e dad has a deep, low voice. The mom has a medium-high voice, and he voice, the greater the frequency. s voice? mom's? baby's?
Amplitude for #6-8 use WAVE D or E 6. Which wave has the higher amplitude? 7. Which wave has the lower amplitude?	
8. Draw a line on each wave that would mea	sure the amplitude
8th Science Waves Worksheet 1 Name 1. Write the terms for the diagrams on the lines provided	
Time the terms for the diagrams	·
A	A: D:
	B: E: C: F:
D E F	С
Frequency for #2-5 use WAVE A,B,C	Wave A Wave B Wave C
2. How many wavelengths long is	
Wave A: Wave B: Wave C:	
3. Which wave has the highest frequency?	lowest frequency?
4. How can you tell by looking at it if a wave	has high or low frequency?
the baby has the highest voice. The higher the	e dad has a deep, low voice. The mom has a medium-high voice, and he voice, the greater the frequency. voice? mom's? baby's?

Draw a wave with a wavelength of four units









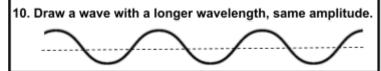
Use the graph to answer:

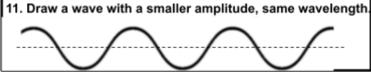
12. a. Which sound wave would be the loudest? Why?

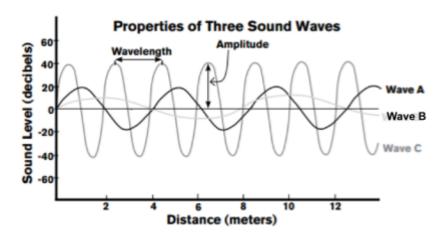
- b. Which wave has the longest wavelength? ____m
- c. What is the amplitude of Wave A? ____ Wave B? Wave C?
- d. Which wave has the highest frequency? ___ Lowest frequency?

9. Draw a wave with a wavelength of four units









Use the graph to answer:

12. a. Which sound wave would be the loudest? Why?

- b. Which wave has the longest wavelength?

 What is its approximate wavelength? _____ m
- c. What is the amplitude of Wave A?

Wave B?____ Wave C?

d. Which wave has the highest frequency? ____ Lowest frequency?

