Name _____ Date _____

Bill Nye: Waves

1. You and I see, hear, and think with _____.
2. Waves carry _____.
3. The wave in the speaker, on the screen, in the air, and in the string are all _____ forms of the same energy. They are all waves.
4. Low frequency waves are _____ apart.
5. The faster you vibrate the spring, the _____ the wavelength will be.
6. Energy travels through the wave out in _____ directions.
7. All waves have a similar _____.
8. _____ of electromagnetic waves are light , x-rays, microwaves, radar, radio and television signals.
9. _____ have so much energy that they can go through your skin and muscle until they hit your bone.
10. Earthquakes can _____ in waves.
11. Earthquake waves are called _____ waves.
12. Sonar uses sound waves to find things _____.