Name_____

Bubbles and Sound

- Place bubble mixture into a dish.
- Select or share three instruments to use in your experiment.
- Dip the end of the instrument into the bubble solution.
- Blow a note into the instrument and record observations of the glycerin bubble (i.e. how the bubble reacts to the sounds).
- Repeat for three different instruments and add your observations to the table below.

Instrument	Observation

Answer the following questions:

1. Draw pictures that show how the bubble looks before, during and after the sound wave reacts to the air molecules and the bubble.

2. Identify items that vibrate in everyday life and categorize them as either waves or objects that generate waves. Explain why they were placed in either category.