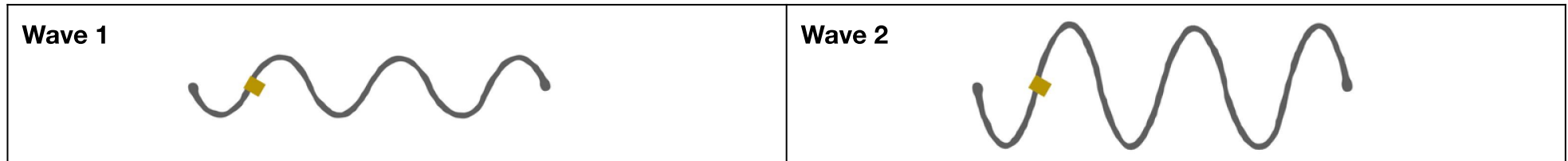


Name \_\_\_\_\_

## Wave Patterns

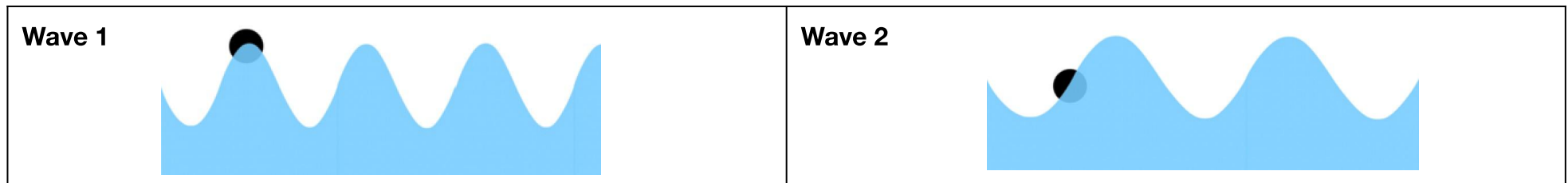
**Phenomenon** Rope with masking tape



### Patterns Observed

	Similarities	Differences
Amplitude		Larger amplitude in Wave 2
Wavelength	Same wavelength	
Motion of Object	Tape moves up and down	Tape moves greater distance (up & down) in Wave 2

**Phenomenon** Ball floating on wavy water



### Patterns Observed

	Similarities	Differences
Amplitude	Same amplitude	
Wavelength		Longer Wavelength is Wave 2
Motion of Object	Ball moves up and down	Ball moves up and down more slowly