

# Warm Up-Observing Wavelength



## Procedure

- Fill a pie plate with water about 2 cm deep.
- Lightly tap your finger once per second on the surface of the water and observe the spacing of the water waves.
- Increase the rate of your tapping, and observe the spacing of the water waves.

## Analysis

1. How is the spacing of the water waves related to their wavelength?
2. How does the spacing of the water waves change when the rate of tapping increases?