PHY 131 Experiment 11: The Ripple Tank

1) When f increases, what happens to the distance between waves?

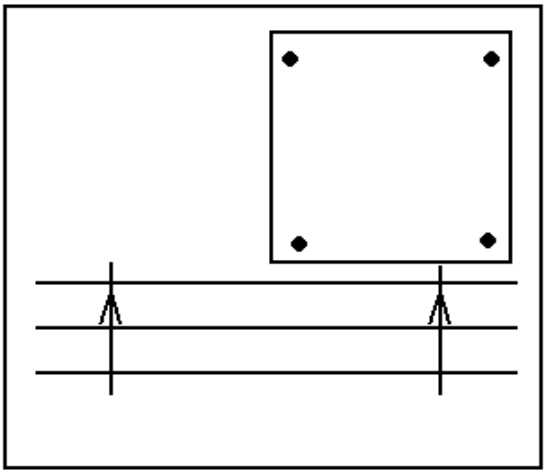
2)

f (f. p. m.)	f (Hz)	λ (cm)	v (cm/s)

(Wavelength = _____ times the distance between antinodes.)

As f increases, v _____.
(increases, decreases, stays same)

3) Finish picture, showing waves above glass and in deep water:



In deep water, f is the same as in shallow.

In deep water, v is _____.
(faster, slower, or same)

In deep water, λ is _____.
(longer, shorter, or same)