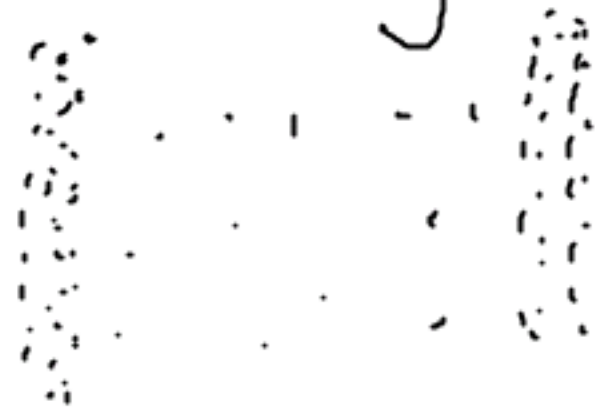


Sound-Chap. 12 Lesson 2

1/15/10

- * Sound is vibrations.
- * Sound travels as waves.

Sound wave → area of crowded
particles (molecules) followed by
spread-out particles



Sound waves travel anywhere there are molecules.

→ p. 542 speedometer

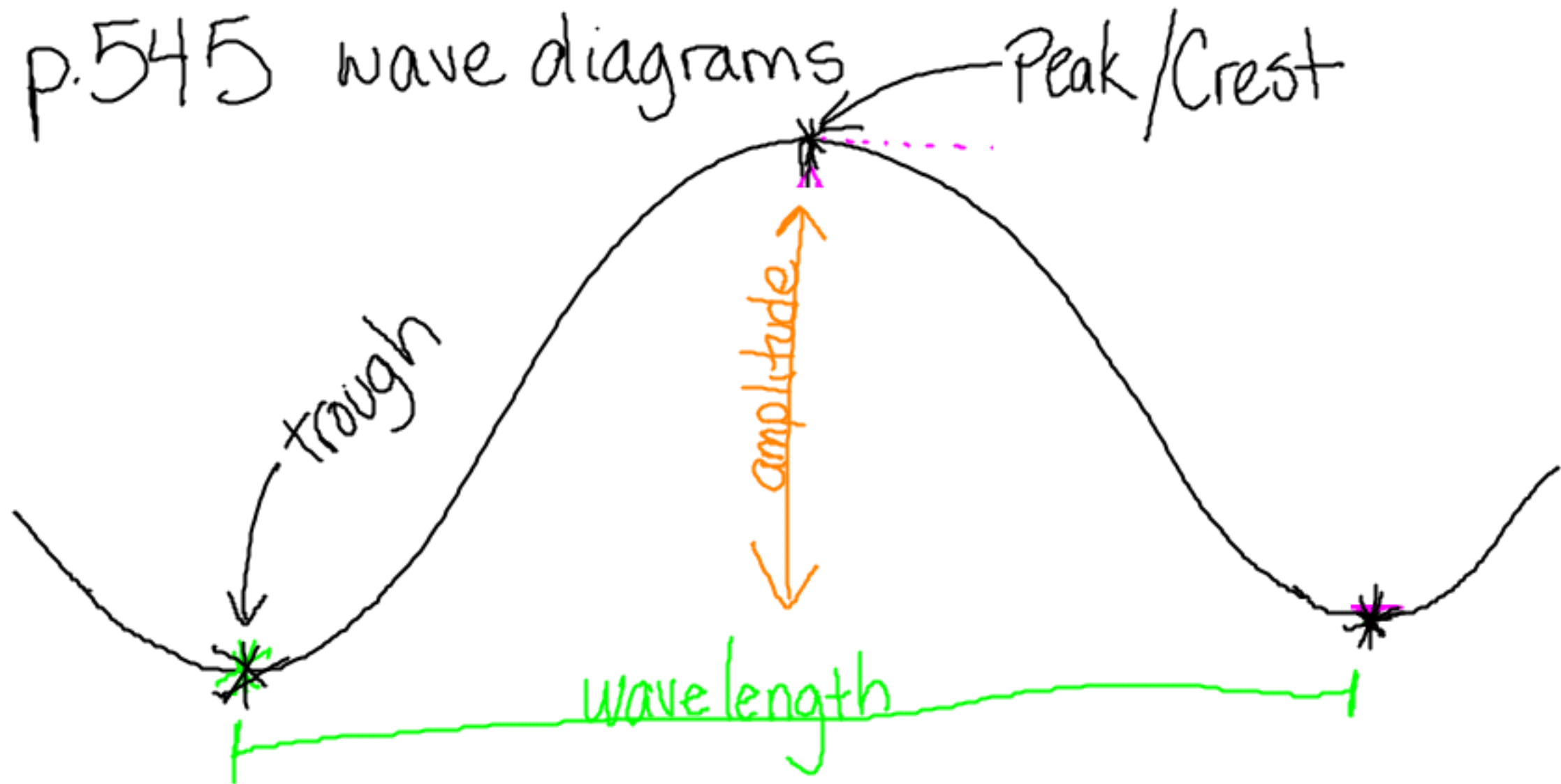
→ Sound goes faster when molecules are tightly packed (denser)

slow → air

faster → water

fastest → steel

p.545 wave diagrams



Be able to
label Peak, trough,
wavelength, amplitude

Pitch → highness or lowness
it's the wavelength!



A → has high pitch
→ has high frequency



B → has low pitch
→ has low frequency

Volume → loudness
it's the amplitude

