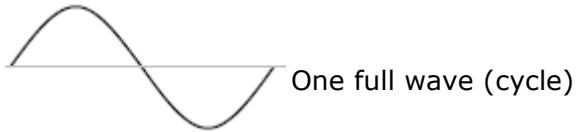
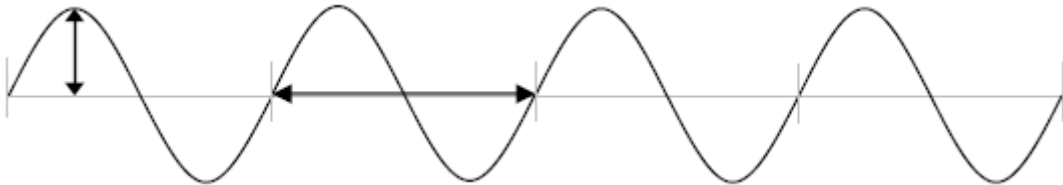


Name \_\_\_\_\_

St. Mary's Physics

**Wave Worksheet**

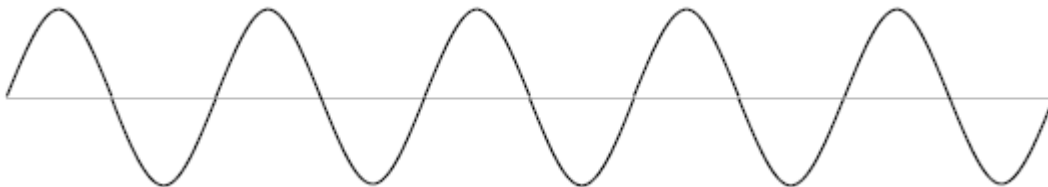
Wave train – two or more waves

Amplitude – measures the energy of a transverse wave

- a) measured from the equilibrium position to the top of a crest or the bottom of a trough (see vertical arrow)

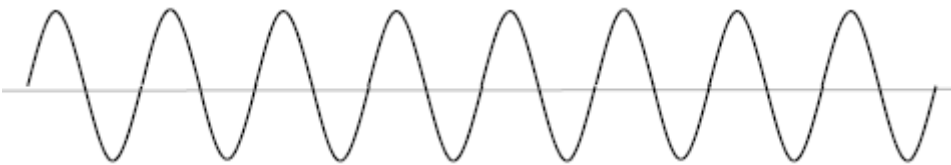
Wavelength – length of a single wave cycle (horizontal arrow double sided arrow)

There are 4 waves in this wave train

**Wave 1**

a) How many waves are there in this wave train? \_\_\_\_\_

b) Wavelength \_\_\_\_\_ cm    c) Amplitude \_\_\_\_\_ cm

**Wave 2**

a) How many waves are there in this wave train? \_\_\_\_\_

b) Wavelength \_\_\_\_\_ cm    c) Amplitude \_\_\_\_\_ cm

