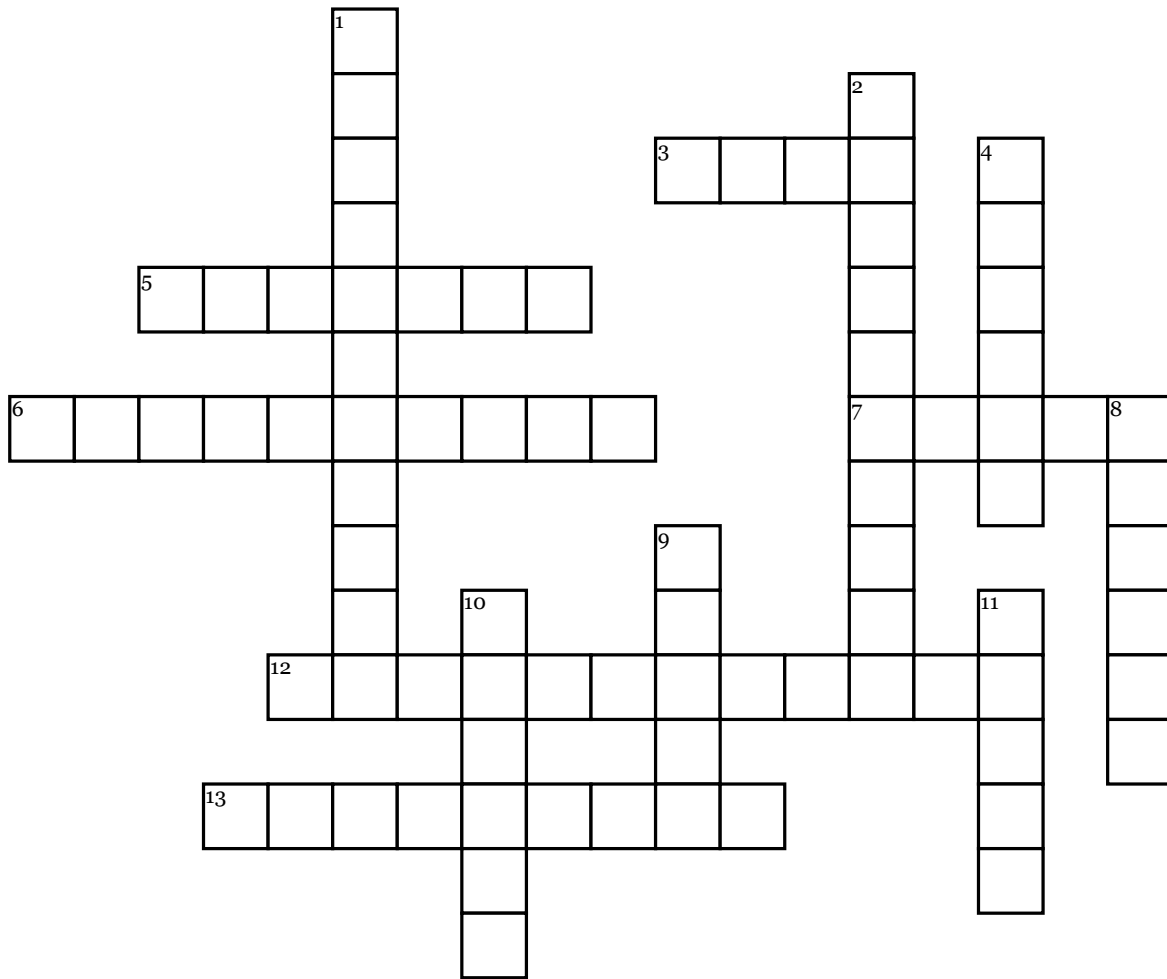


# Characteristics Of Waves



**Across**

**3.** A disturbance involving the transfer of energy from place to place

**5.** Mechanical waves form when a source of energy causes a medium to \_\_\_\_\_

**6.** The echo you hear when you shout in an empty gym is a \_\_\_\_\_

**7.** High point

**12.** This is responsible for the iridescent colors seen in oil films and soap bubbles

**13.** The height of a wave's crest depends on its \_\_\_\_\_

**Down**

**1.** When water waves encounter canals or shorelines

**2.** The bending of waves due to a change in speed

**4.** If a crest and a trough have equal amplitudes, they will completely \_\_\_\_\_

**8.** Low point

**9.** Wavelength X Frequency = \_\_\_\_\_

**10.** Material through which a wave travels

**11.** Frequency is measured in units called \_\_\_\_\_