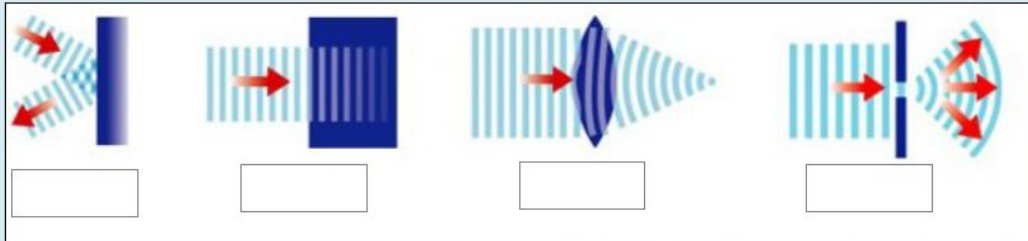


Unit 5: Waves - Reitz High School

Drag the name of the type of wave to the correct picture



Diffraction

Absorption

Refraction

Reflection

Match the situation with the correct wave type

Ultrasound

Choose... ▼

Black shirts are hotter

Choose... ▼

Echo

Choose... ▼

Rainbows

Choose... ▼

Hearing sounds through a slightly open door

Choose... ▼

Holograms

Choose... ▼

Glasses

Choose... ▼

A longitudinal wave travels:

Select one:

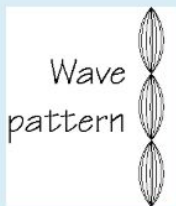
- in the same direction as the oscillations.
- perpendicular to a latitude wave.
- perpendicular to the direction of oscillations.
- only along the Earth's longitudinal lines.

An ocean wave has a frequency of 2 Hz and a speed of 20 m/sec. What is the wavelength of this wave?

Select one:

- 0.1 meter
- 10 meters
- 20 meters
- 40 meters

How many anti-nodes (Bubbles) does this standing wave have?



Select one:

- One
- Two
- Three
- Four

A piano plays the note A at a frequency of 440 hertz. What is the approximate wavelength in meters of this sound wave if the speed of sound in air is 340 meters per second?

Select one:

- 0.007 meters
- 0.077 meters
- 0.77 meters
- 7.7 meters