

NGS Magnified Task Cards are an engaging, versatile educational tool that reinforces learning, differentiates instruction, and promotes independent and collaborative work.

DECIDE



The _____ is equal to the angle of reflection.

- a. resonance
- b. normal angle
- c. angle of incidence

EXPLAIN



How are refraction and diffraction similar?

DECIDE



_____ is when two or more waves overlap and combine to form a new wave.

- a. Energy
- b. Matter
- c. Matter & energy

EXPLAIN



How does sound travel through a medium?

DECIDE



What is the number of waves that pass a point in a certain time called?

- a. frequency
- b. wavelength
- c. intensity
- d. amplitude

DECIDE



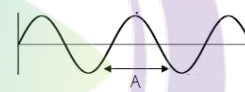
Cell phones use _____ waves to transmit information.

- a. ultraviolet
- b. infrared
- c. radio
- d. microwave

COMPLETE

Waves that can only travel through a medium are called _____.

IDENTIFY



EXPLAIN



What causes electromagnetic waves?

DECIDE



As frequency of a wave _____, wavelength decreases.

- a. increases
- b. decreases
- c. equalizes
- d. moves

COMPLETE



Waves travel through a _____, which can be a solid, a liquid, a gas, or a combination of these.