

Task 8

Alef lesson

#81

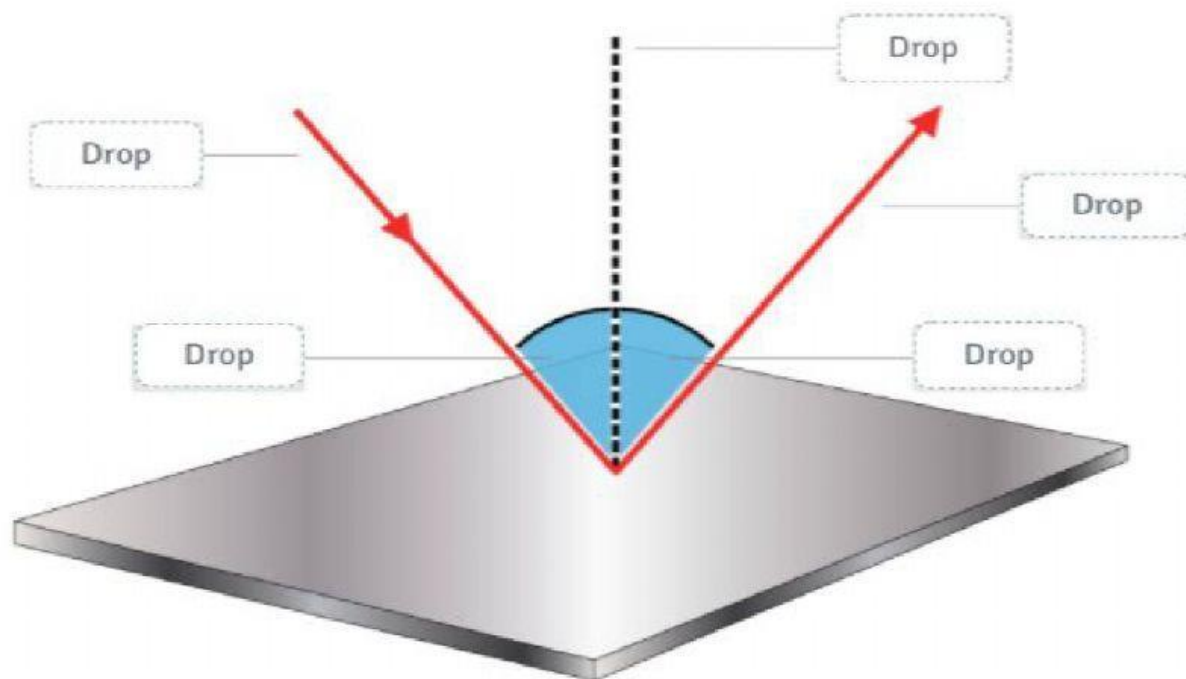
Apply

Science Book
Section

6.2

Wave Interactions: The Law of Reflection

FULL NAME: _____



When waves change direction and speed as they enter a new medium (matter).

When waves change direction as they pass the edge of an object

Example:
Light waves bend away from the normal when they travel from water to air.

Example:
A sound wave changing direction as it goes through a door from the kitchen to the other room.

When waves change direction as they pass through a gap.

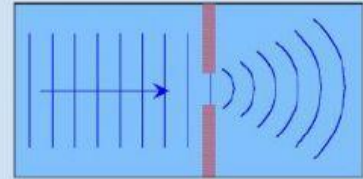
Incident wave

normal

reflected wave

angle of incidence

angle of reflection



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Wave Interactions

FULL NAME: _____

Refraction

Diffraction