

HOME ASSIGNMENT

LIGHT ENERGY

1) Images are formed by mirrors are
a) real only b) virtual only
✓ c) both and real virtual d) neither
real nor virtual.

2) On refraction through a parallel faced glass slab the emergent ray is

- a) parallel to incident ray
- b) displaced w.r.t. incident ray.
- c) is not displaced w.r.t. incident ray.
- ✓ d) both (A) and (B)

3) If the angle of incidence is 50° , then calculate the angle between the incident ray and the reflected ray

- a) 50° b) 100° ✓ c) 130° d) 80°

A) The angle of refraction of a ray of light going from denser to rarer medium is less than angle of incidence.

- a) always b) sometimes c)