

first law of refraction

[PHY103] As per second law of refraction, ratio of sine of angle of incidence to sine of angle of refraction is  
a constant

[PHY103] Ratio (speed of light in air or vacuum/speed of light in a medium) is equal to

\_\_\_\_\_  
None of the above

[PHY103] An optical medium where speed of light is slower than another is said to be

\_\_\_\_\_  
optically denser

[PHY103] Reflection depends on object's  
smoothness

[PHY103] What happens to the image produced by a pinhole camera when you move the back wall farther from the pinhole? It becomes  
larger and fainter

[PHY103] The shortest mirror in which a creature from outer space can see its entire body is \_\_\_\_\_ its height.  
one half

[PHY103] A ray reflected from a retroreflector  
travels in the direction opposite that

[PHY103] For each angle of incidence, corresponding value of angle of reflection is  
same

[PHY103] Bending effect of light as it passes from one transparent material into other is  
known as  
refraction

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