

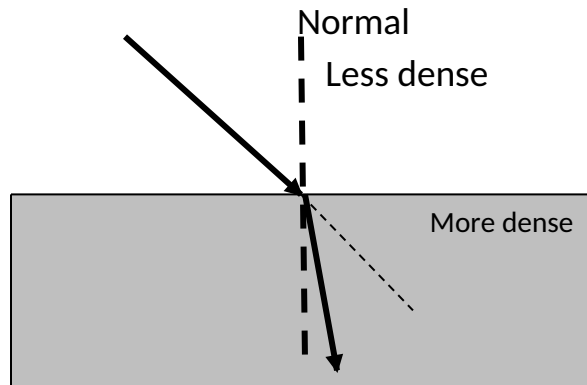
PENANG SANGAM HIGH SCHOOL
YEAR 11 PHYSICS
WEEK 17

Strand	LIGHT
Sub Strand	RAYS AND REFLECTION
Content Learning Outcome	At the end of the lesson students should be able to <ul style="list-style-type: none">• recognize that light is a form of energy• show an understanding of the fact that light travels in straight lines and that its path is reversible.

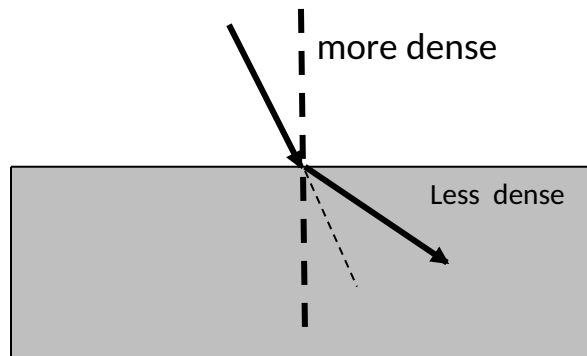
Refraction of light

Refraction is the bending of light as it passes through another medium.

a. Less dense to more dense it bends towards the normal

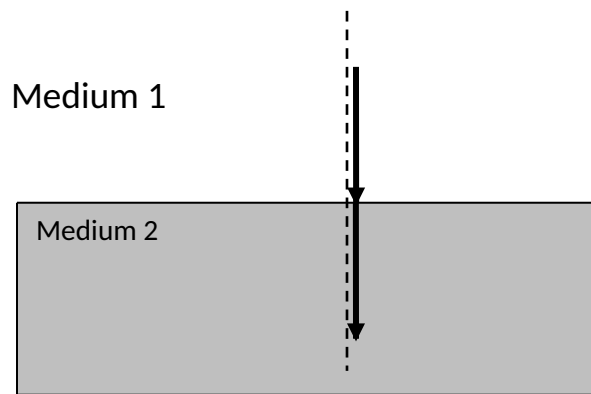


b. More dense to less dense it bends away from the normal



Note

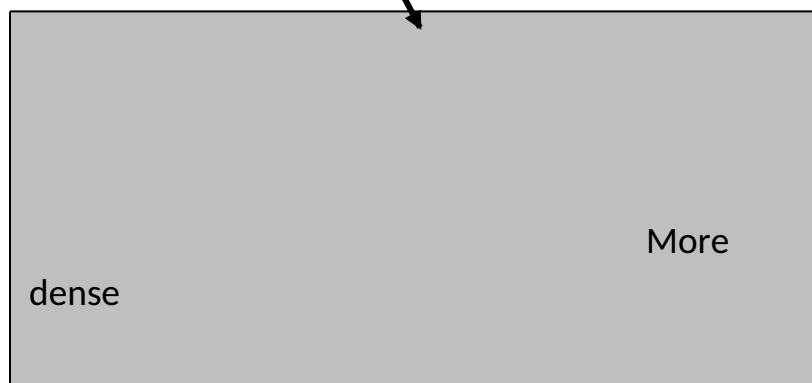
If light goes in the direction of the normal then it goes straight without bending.



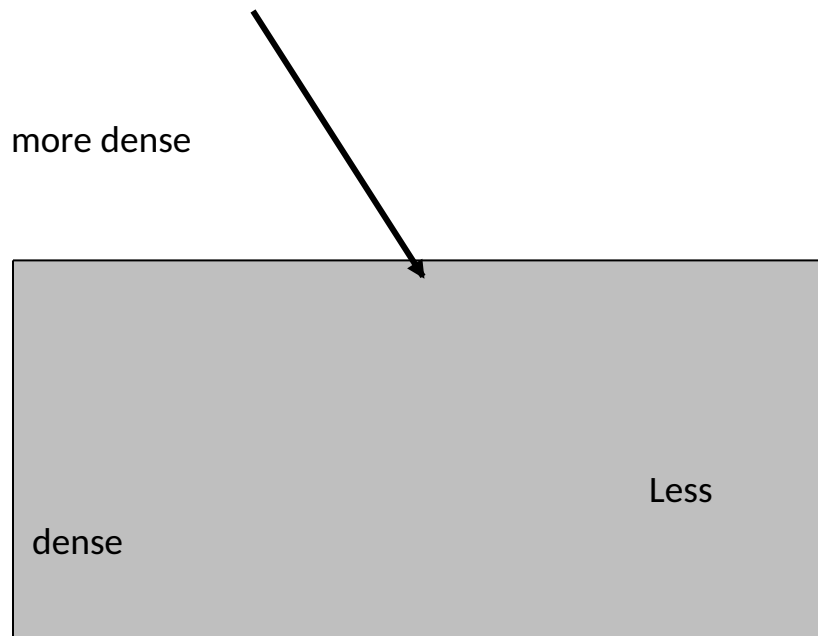
Complete the ray diagrams

1.

less dense



2. Complete the ray diagrams



Lenses .

