

Name: _____ Date: _____

Light

Q1. Draw a diagram to show the reflection of light from a plane mirror. Label the following on the diagram: Incident ray, Reflected ray, Angle of reflection, Normal and Angle of incidence

Ans. _____

Q2. Differentiate between regular and diffused reflection. Does diffused reflection mean the failure of the laws of reflection?

Ans. _____

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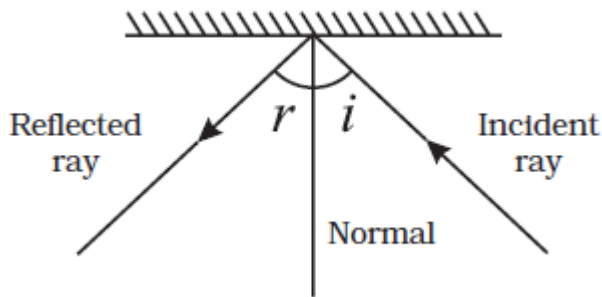
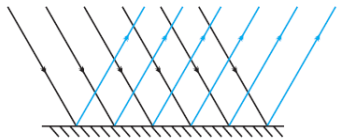
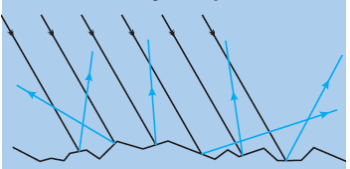


Image from NCERT

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Ans.

Regular reflection	Diffused reflection
1. Reflection from a smooth surface is called regular reflection.	1. When all the parallel rays reflected from a plane surface are not parallel, the reflection is known as diffused or irregular reflection.
2. Example: A plane mirror produces regular reflection of light.	2. Example: A wall or a piece of paper produces diffused reflection of light.
3.  Image from NCERT	3.  Image from NCERT