

**Preparing for Your ACS
Examination**
in
General Chemistry
Second Edition

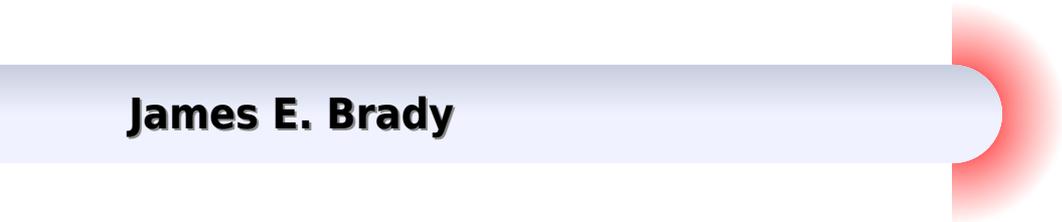
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General Chemistry Study Guide

James E. Brady



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web i 4 is the image of an image the image of i_1 as reflected across mirror m_2 a quick measurement will reveal that the distance from i_1 to mirror m_2 is equal to the distance from image i_3 to mirror m_2 when viewing the secondary images i_3 and i_4 light will reflect off both mirrors

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web aug 19 2020 list the sign conventions for reflection of light by spherical mirrors draw a diagram and apply these conventions in the determination of focal length of a spherical mirror which forms a three times magnified real image of an object placed 16 cm in front of it cbse 2012 answer sign conventions for reflection of light by spherical mirror are

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web answer and explanation the path of the reflected ray at each boundary can be determined by sketching a normal at the point where the incident ray strikes the mirror surface once the normal is constructed the angle of incidence can be measured for instance the black dashed line at the location where ray 1 strikes the mirror is the

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web as the angle of incidence is increased for a ray incident on a reflecting surface the angle between the incident and reflected rays ultimately approaches what value a zero b 45 degrees c 90 degrees d 180 degrees answer d the angle of incidence is the angle between the incident ray and the normal

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web answer specular or regular reflection occurs when light reflects off a microscopically smooth surface light rays which are incident within a beam will reflect and remain in the beam diffuse reflection occurs when light reflects off a microscopically rough surface