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Answer: Geometric optics is all about refraction and reflection of light whereas physical optics deals with the topics like interference, diffraction, polarization, etc. Physical optics is viewed through

wave theory of light and geometric optics are viewed through the aspects of physical nature of light.

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Thin Lenses When the size of the physical and optical objects of a system are much larger than the wavelength of the light (or as $\lambda \rightarrow 0$), we are in the realm of geometrical optics. Optical systems in which the wave nature of light must be taken into account (interference, diffraction) are called physical optics. Of course, every real system experiences diffraction effects, so geometric ...

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2017 Question 7 [Ordinary Level] A ray of light can undergo both reflection and refraction. (i) What is meant by reflection of light? (ii) State the laws of

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Light and Geometrical Optics Test 1 Time: 23 Minutes* Number of Questions: 18 * The timing restrictions for the science topical tests are optional. If you

... you must also select the best answer to these questions. If you are unsure of the best answer, eliminate the choices that you know are incorrect, then select an answer from the choices ...

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Lenses Virtual Lab Using PET Geometric Optics Name Materials: Computer, Internet connection, and ruler Hour Objectives: • To demonstrate the formation of images from convex and concave lenses. • To identify the type of image formed by convex and concave lenses. • To confirm the lens equations. Procedure: Convex lens 1.

~~Question: With The Given Information, Please Answer The...~~

Optics questions with solutions and explanations at the bottom of the page. These questions may be used to practice for the SAT physics test. The questions are about reflection , refraction , critical angle , lenses, reflectors, light rays propagating through different mediums, refractive index of materials, ..etc.

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