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of optics dealing with the ray aspect of light is called

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source to another location 1 directly from the source

through empty space 2 through various media 3 after being

reflected from a mirror

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2024 geometrical optics is an intuitive and efficient

approximation radios and mobile phones make use of same

maxwell equations to transfer information as carried by

light waves but our perception is quite different why we

tend to think of light as bundles of rays in our daily life

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2024 how does a lens or mirror form an image see how

light rays are refracted by a lens or reflected by a mirror

observe how the image changes when you adjust the focal

length of the lens move the object or move the screen

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times as large as the light's wavelength its observable

behavior is like that of a ray it does not prominently display

its wave characteristics we call this part of optics

geometric optics this chapter will concentrate on such

situations

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