

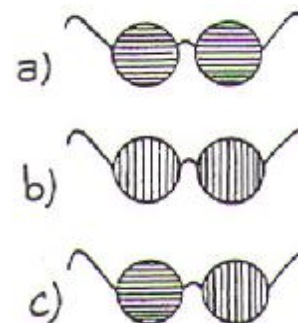
NEXT-TIME QUESTION

The lines on the lenses of the eyeglasses indicate the plane of polarization through which light can pass. Which pair of glasses has the plane of polarization in the best orientation for reducing road glare while driving?



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Answer: b

Glasses b are best for reducing road glare because most of the light that composes glare from nonmetallic surfaces is polarized in the same plane as the surface—horizontal. Glasses a will pass horizontally polarized light and will be terrible for driving. Glasses c are for the person who wants all bets covered. When the glare is from horizontal surfaces, the left eye should be closed; when the glare is from vertical surfaces, flagpoles and the like, the right eye should be closed. Since most glare is from horizontal surfaces, and driving is best with both eyes, select b!

