

2	<p><b>C is the correct answer as the distance between the laser and diffraction grating is not required in the equation <math>n\lambda = d\sin\theta</math></b></p> <p>A is not the correct answer as the distance from the diffraction grating to the screen is used to calculate <math>\theta</math> in the equation <math>n\lambda = d\sin\theta</math></p> <p>B is not the correct answer as the distance from the central maximum to the first order maximum is used to calculate <math>\theta</math> in the equation <math>n\lambda = d\sin\theta</math></p> <p>D is not the correct answer as the distance between the slits in the diffraction grating is used to calculate <math>d</math> in the equation <math>n\lambda = d\sin\theta</math></p>	(1)
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