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RAY OPTICS AND OPTICAL IN	
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{11. The distance between the pole and centre of curvature of the m impr called radius of curvature f =	
(21. Mirror equation $-+-=\frac{1}{f}$ (Li Is Object distance, V Is I mage distance and f Focal length.)	
{3.1. Linear mag.nification III = $\frac{\text{size of } \text{image } \text{jmage distance } \text{size of obj}}{\text{size of obj}}$ Object di Aance u	
(4), in, case of lens Pia $-l^{\underline{1}}\underline{2-1}^{\underline{1}}$	
{R= Radius of curvature $!A_i$ and $.14_2$ are refractive indices of medium!!	
(51. Relationship between LA and Focal length f is $\frac{1}{V} - \frac{1}{11} = \frac{1}{f}$ in case ien5.	
(6). Longitudinal magrilficatioil = (Lateral magnification) <sup>2</sup>	
{71 Equivalent lens	λοί
{I} Lens In contact $\frac{1}{F} = \frac{1}{-+} \frac{1}{f_2}$ (i i) Lens at a distance a, $\frac{1}{F} = \frac{1}{f} \frac{1}{f_2} \frac{1}{-f_1f_2}$	JOISSIUPVMOSUOV
RI. <u>Reciprocal of fdcal length is called p5 pourer of len\$.</u>	
f(in metres) <b>qin</b> cm) www.FirstRanker.com	[SSION



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