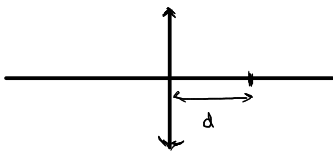


14



$$a' = d$$

$$z = L$$

$$z = -\frac{a'}{a} \rightarrow k = -\frac{d}{a} \Rightarrow a = -\frac{d}{k}$$

$$\frac{1}{f} = \frac{1}{a} + \frac{1}{a'} = \frac{a' + a}{a a'} \rightarrow f = \frac{a a'}{a' + a} = -\frac{\frac{d}{k} d}{d - \frac{d}{k}} = -\frac{\frac{d^2}{k}}{\frac{dk - d}{k}}$$

$$= \frac{d^2}{d(1-k)} = \underline{\underline{\frac{d}{1-k}}}$$