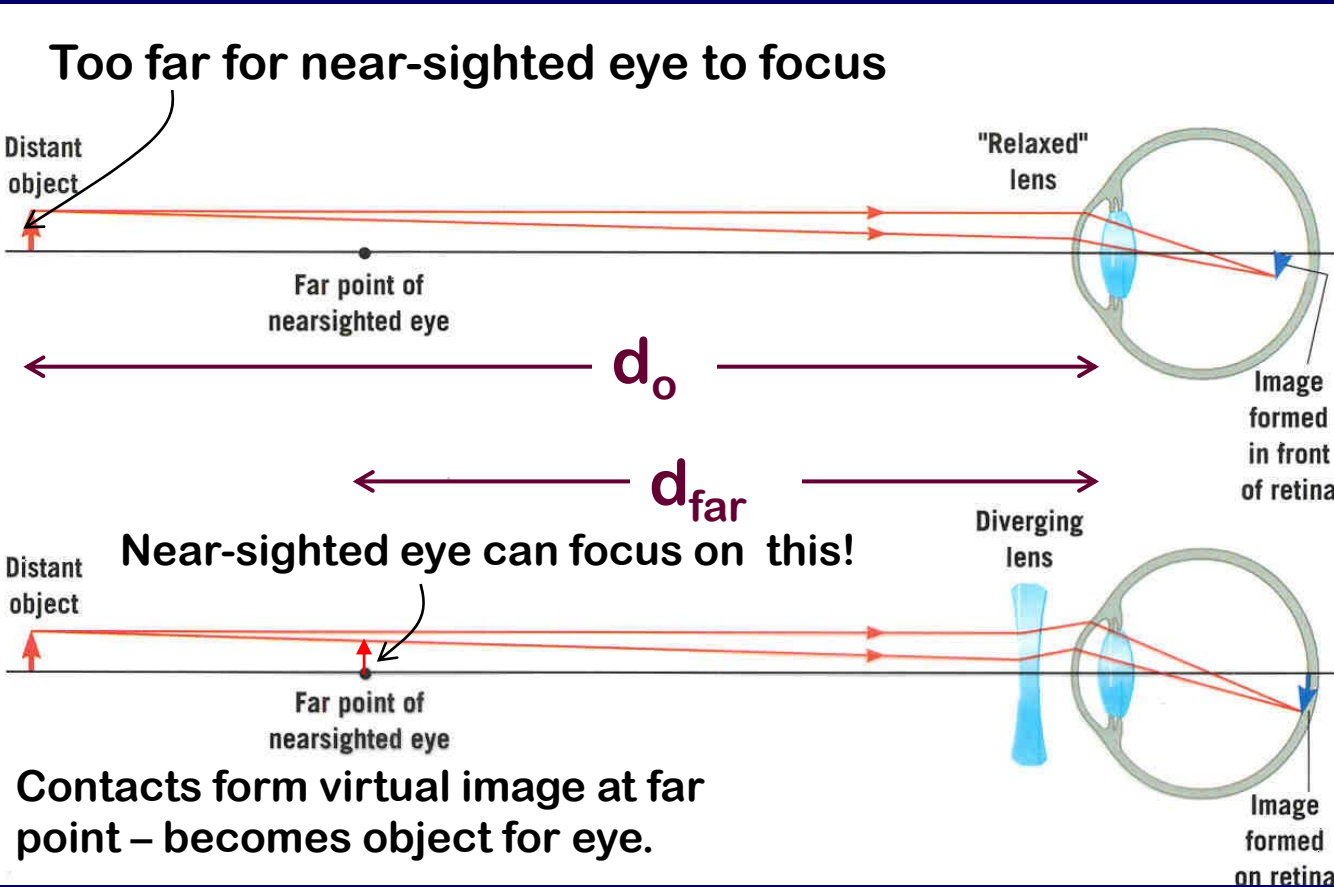
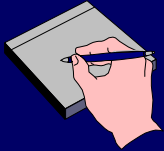


If you are nearsighted...

(far point is too close)



Example

$$\frac{1}{d_o} + \frac{1}{-d_{far}} = \frac{1}{f_{lens}}$$



$$\frac{1}{\infty} + \frac{1}{-d_{far}} = \frac{1}{f_{lens}}$$



$$f_{lens} = -d_{far}$$

Want to have (virtual) image of distant object, $d_o = \infty$, at the far point, $d_i = -d_{far}$.