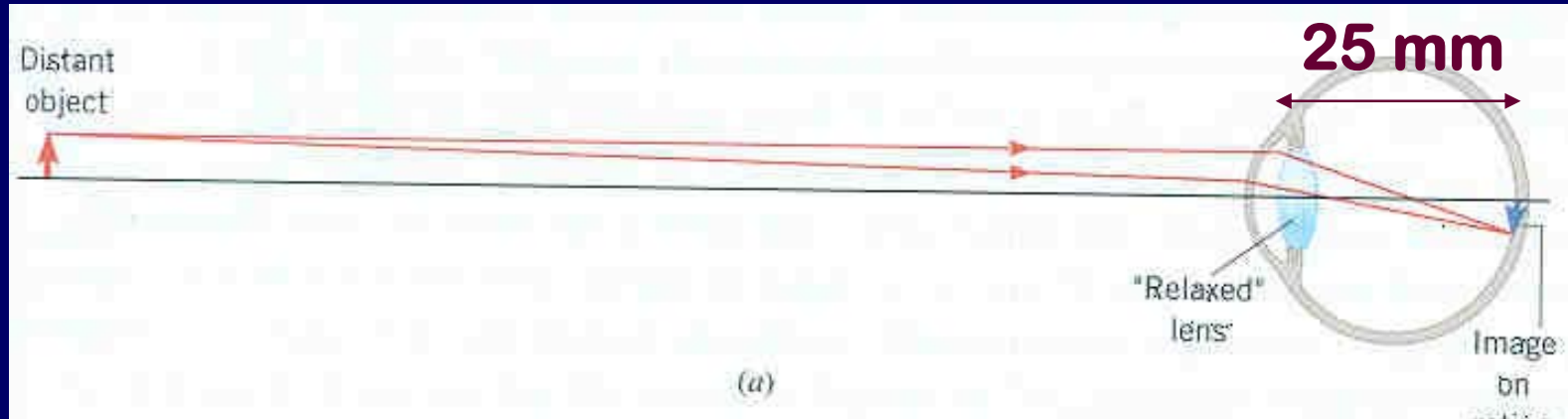
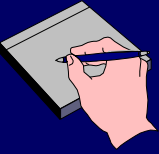


Example

Eye (Relaxed)



Determine the focal length of your eye when looking at an object far away.

Object is far away: $d_o = \infty$

$$\frac{1}{\infty} + \frac{1}{25 \text{ mm}} = \frac{1}{f}$$

Want image at retina: $d_i = 25 \text{ mm}$

$$f_{\text{relaxed}} = 25 \text{ mm}$$