

Scale 1:2 horizontal, 2:1 vertical

$$\text{Magnification} = -\beta / \alpha$$

$$= \tan^{-1}\left(\frac{5}{25}\right) / \tan^{-1}\left(\frac{5}{183}\right)$$

$$= -0.197 / 0.0273$$

$$= -7.226$$

Approximation $-f_o / f_e$ ✓

$$= -183 / 25$$

$$= -7.32 \quad \checkmark$$

