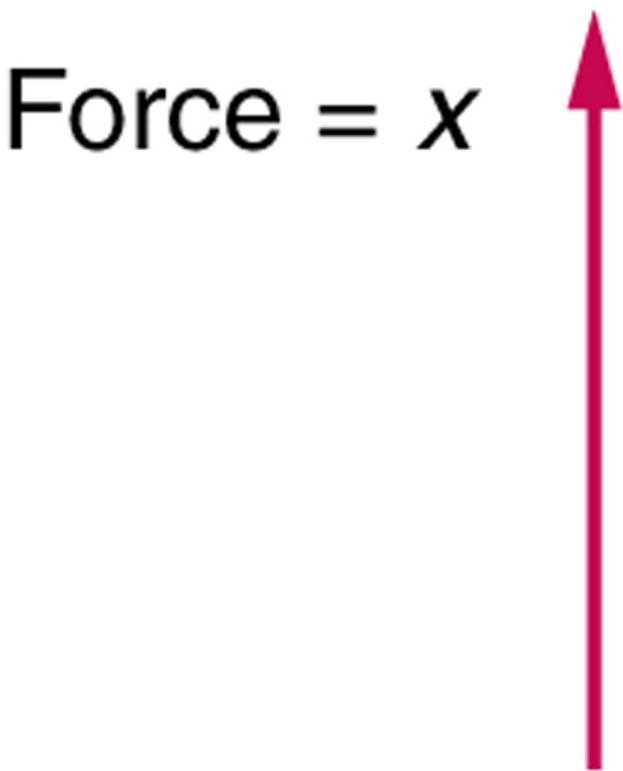


# Theoretical Effect of Pennation

$$(\theta = 0^\circ)$$



$$\frac{\text{Force}'}{x} = \cos\theta$$
$$\text{Force}' = x \cos\theta$$
$$= 0.87x$$

$$(\theta = 30^\circ)$$

