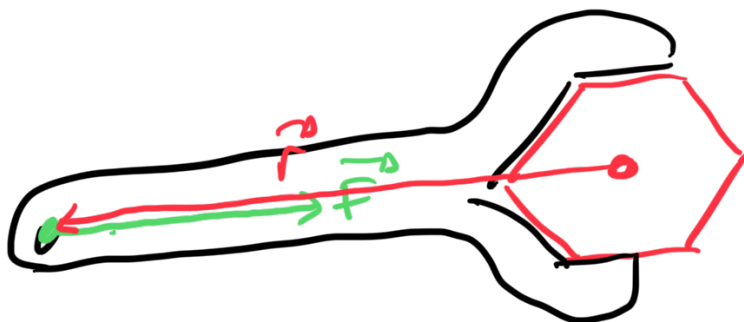


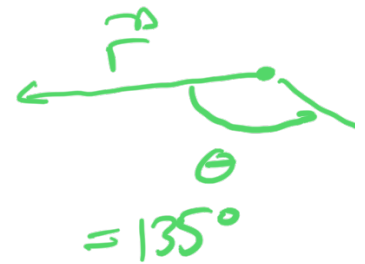
$$\tau = |\vec{F}| |\vec{r}| \sin\theta$$

$$= (100)(0.2) \sin(90^\circ)$$

$$\tau = 20\text{ N}\cdot\text{m}$$



$$= 0 \leftarrow \sin(180^\circ) = 0!$$



$$|\vec{c}| = c = |\vec{F}| |\vec{r}| \sin(135^\circ)$$

$$= (100)(.2) \sin(135^\circ)$$

$$\tau = \underline{14.1 \text{ N}\cdot\text{m}}$$

Most Effective \rightarrow apply Fare
1 to r .
