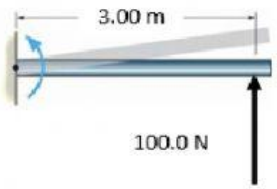
Name: _____ Score: _____

Program Year & Section: _____ Date: _____

Torque Worksheet

Calculate the torque in each figure.

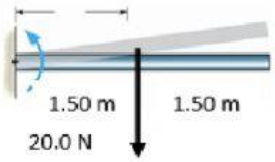


$\tau = F \ell$

$\tau = ($ N) (m)

$\tau =$ Nm

direction:

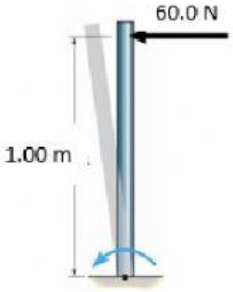


$\tau = F \ell$

$\tau = ($ N) (m)

$\tau =$ Nm

direction:

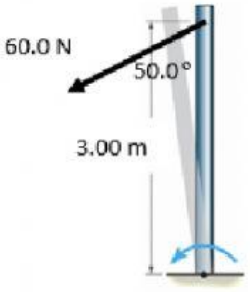


$\tau = F \ell$

$\tau = ($ N) (m)

$\tau =$ Nm

direction:



$\ell = (3.00 \text{ m}) ($ $50.0°)$

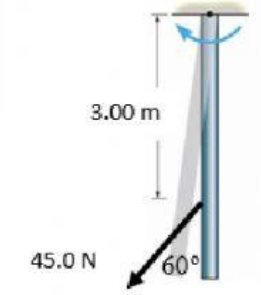
$\ell =$ m

$\tau = F \ell$

$\tau = ($ N) (m)

$\tau =$ Nm

direction:



$\ell =$ **(3.00 m)(** $60.0°)$

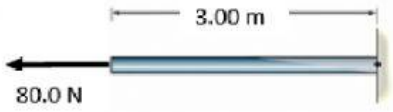
$\ell =$ m

$\tau = F \ell$

$\tau = ($ N) (m)

$\tau =$ Nm

direction:

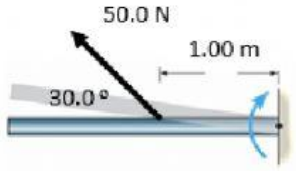


$\tau = F \ell$

$\tau = ($ N) (m)

$\tau =$ Nm

direction:



$\ell = (1.00\ m) ($ $30.0°)$

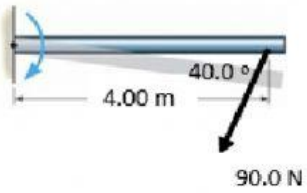
$\ell =$ m

$\tau = F \ell$

$\tau = ($ N) (m)

$\tau =$ Nm

direction:



$\ell = (4.00\ m) ($ $40.0°)$

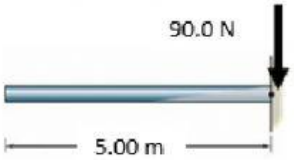
$\ell =$ m

$\tau = F \ell$

$\tau = ($ N) (m)

$\tau =$ Nm

direction:



$\tau = F \ell$

$\tau = ($ N) (m)

$\tau =$ Nm

direction: