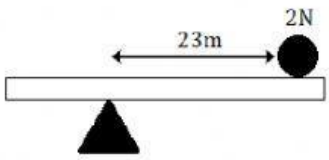
NAME:_____ DATE:_____

MOMENTS

Recall that MOMENT = FORCE X DISTANCE (from pivot). Answers should be to 1 decimal place where applicable.

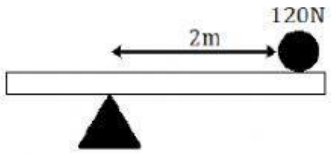
1. Calculate the moments of the following systems.



Moment= _____ X_____

= _____N x _____m

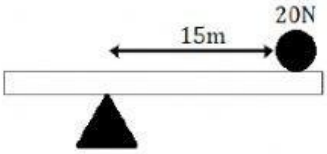
= _____ Nm



Moment= _____ X_____

= _____N x _____m

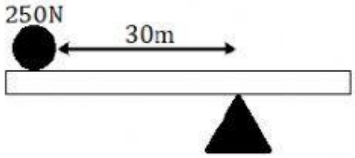
= _____ Nm



Moment= _____ X_____

= _____N x _____m

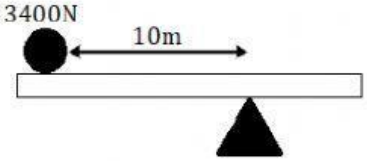
= _____ Nm



Moment= _____ X_____

= _____N x _____m

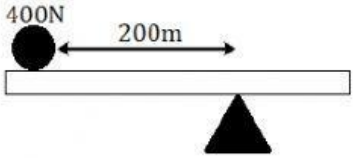
= _____ Nm



Moment= _____ X_____

= _____N x _____m

= _____ Nm



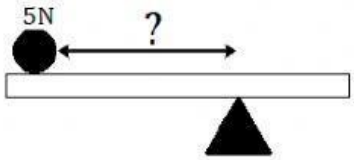
Moment= _____ X_____

= _____N x _____m

= _____ Nm

LIVEWORKSHEETS

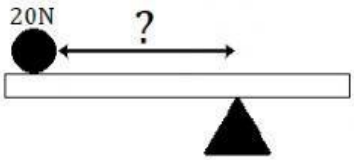
2. Find the missing DISTANCES if all of the systems below have a **Moment of 200Nm.**



Distance = _____ / _____

= _____Nm / _____N

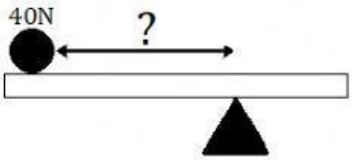
= _____ m



Distance = _____ / _____

= _____Nm / _____N

= _____ m

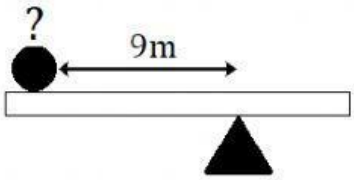


Distance = _____ / _____

= _____Nm / _____N

= _____ m

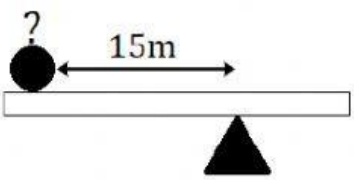
3. Find the missing FORCES if all of the systems below have a **Moment of 450Nm.**



Force = _____ / _____

= _____Nm / _____m

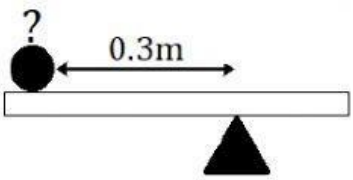
= _____ N



Force = _____ / _____

= _____Nm / _____m

= _____ N



Force = _____ / _____

= _____Nm / _____m

= _____ N

LIVEWORKSHEETS