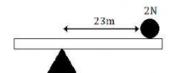
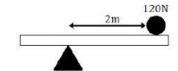
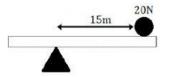
DATE: **MOMENTS**

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

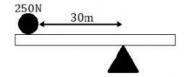
1. Calculate the moments of the following systems.

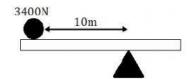


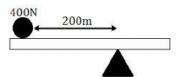




Moment=_____X_____ Moment=_____X_____ Moment=_____X_____

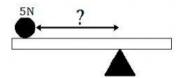


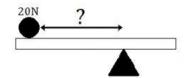


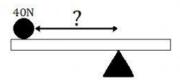




2. Find the missing DISTANCES if all of the systems below have a Moment of 200Nm.







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

