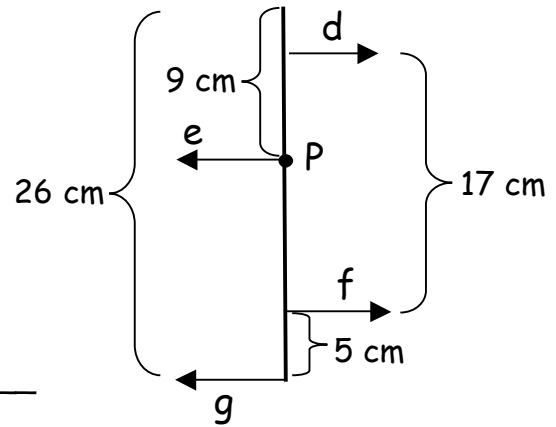
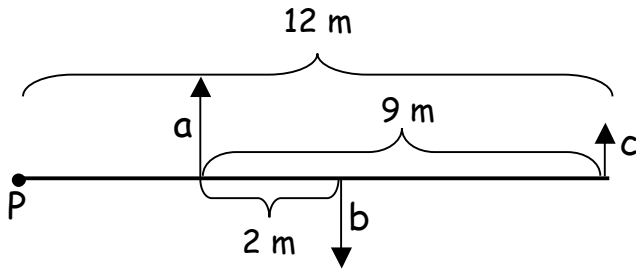


- The formula for calculating torque is $T =$ _____. What is the unit?

- The direction for a torque is always either _____ or _____.
- A *lever arm* is the distance from the _____ point to the point where the perpendicular _____ is applied.
- Find the lever arm for each of these forces and label the direction of each torque.



- a. _____ b. _____ c. _____ d. _____
 e. _____ f. _____ g. _____

- Calculate the net torque. NOTE: You will need to place the pivot point.

