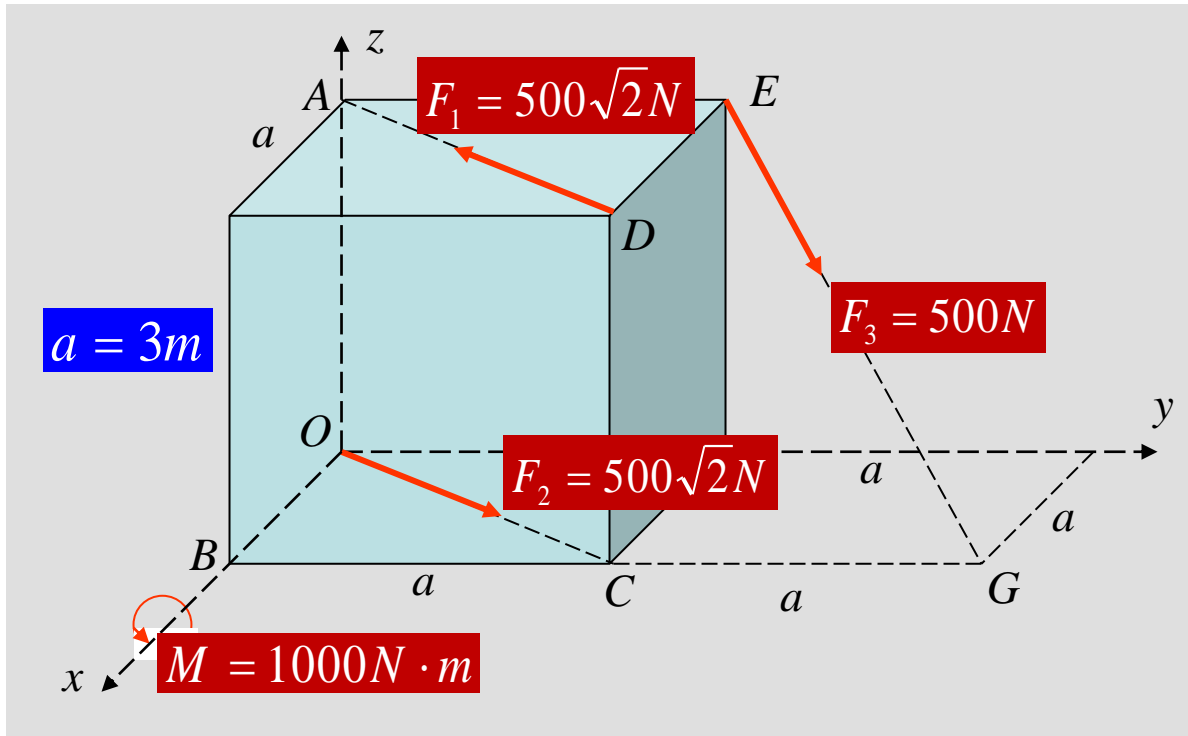


## Quiz #2

Name: \_\_\_\_\_

For the forcing system acting on the cube shown in the figure:



Q1: Find the moment vector by  $\vec{F}_3$  about point  $O$ .  
(Hint: Find the Cartesian vector form for  $\vec{F}_3$  first)

Q2: Find the resultant moment vector of the forcing system about point  $O$ , i.e. the total moment from all applied forces including the applied moment.

Q3. Find the resultant moment vector of the forcing system about point  $B$ .