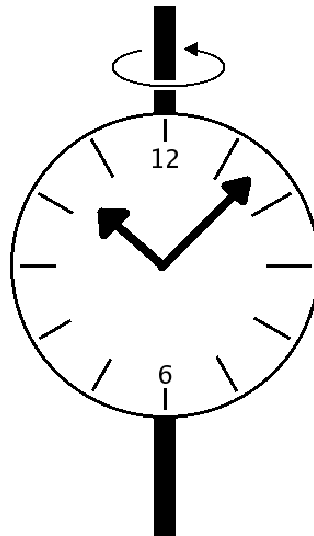


Names

Group



Question 1:

A clock with *very massive hands* rotates as illustrated around a frictionless vertical axle. Assume there are no external forces acting on the system. At what time (or *times*) will the clock be rotating around the axle the slowest?

Question 2:

At what time(s) will the clock be rotating the fastest?