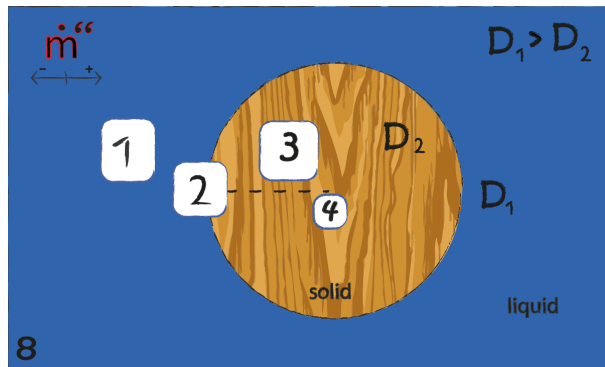




Mass Flux Profile: Task 8



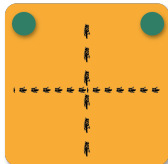
The image describes a solid circular body surrounded by a liquid with a greater diffusion coefficient.

1



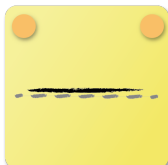
Without any concentration difference or mass source/sink given there is no reason for mass to be transferred within or between the bodies.

2



Hence, specific mass flux is zero within the entire domain.

3



4

