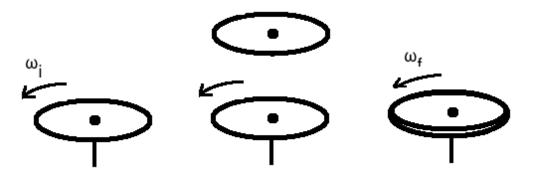**Predict**: A uniform disk is made to rotate, and then a second, identical disk is dropped on top of it. What is the angular frequency ω_f of the two disks after they have stopped slipping against each other, relative to the initial angular frequency ω_i?

Observe: what do you observe?

Explain: If your predictions were not the same as your observations, do you understand why?