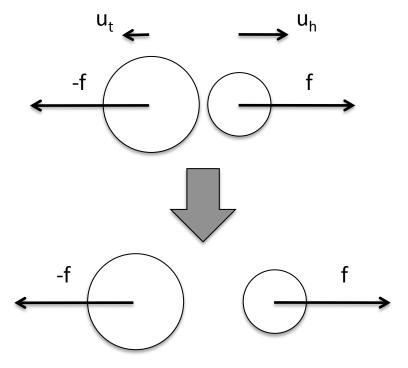
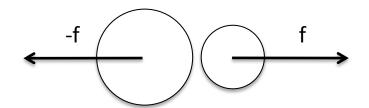
## Time = 0



## Time = $t_1$



## **ONLY ONE SWIMMER**

At first there is a larger velocity at the head of the organism, because of larger drag at the tail.

This would cause the head bead and the tail bead to move apart.

But we will only move the head bead and keep the tail bead at the same distance.