

Module 1: Basic Aerodynamics of Quadrotor UAVs

1. Choose a feature that UAV does not have:
 - A. UAV can fly without a pilot onboard. UAVs are unmanned aerial vehicles
 - B. UAV can take off and land vertically. UAVs can take off and land vertically
 - C. **UAV is completely autonomous.** UAVs are not yet completely autonomous. The UAV in this experiment is semiautonomous or nonautonomous.
 - D. UAV needs power supply for operation. A UAV must be powered by an engine or electric battery
2. Changing the altitude of a UAV means you are changing its:
 - A. Heading **Heading is the direction the UAV is facing**
 - B. Height above ground** Altitude is the height above ground
 - C. The drone's speed **The altitude of a UAV is its height above ground**
 - D. Pivoting the UAV (rotation) **This does not change altitude**