Name: _____ **Date:** _____

VEX AIR

Virtual Flight Course – Unit 3 – Lesson 2

1. **What does yaw control on the VEX AIR Drone?**
   a. How fast the drone flies forward
   b. How high or low the drone goes
   c. The direction the drone is facing (turning left or right)
   d. The speed of all four propellers equally

2. **How does the drone physically yaw (turn left or right) without moving up or down?**
   a. All four propellers stop spinning
   b. One diagonal pair of propellers spins faster while the opposite pair spins slower
   c. Only the front propellers spin
   d. Only the back propellers spin

3. **If a drone yaws to the right, which best describes its movement?**
   a. It slides to the right without turning
   b. It rotates so the front points more to the right
   c. It flips upside down
   d. It moves straight backward

4. **Which statement correctly compares yaw to pitch?**
   a. Yaw rotates the drone, while pitch moves it forward or backward
   b. Yaw makes the drone go up, and pitch makes it go down
   c. Yaw is controlled by the right joystick, pitch by the left
   d. Yaw changes speed, pitch changes color

5. **Short Answer: What is one strategy you used (or could use) to remember which joystick controls yaw and which controls pitch?**

Student answers will vary. Answers could include things like using Mission Log documentation, voicing controls as they fly, labeling the controller or a controller diagram, or extra practice..