Name: _____ **Date:** _____

VEX AIR

Controller Flight Course – Unit 2 – Lesson 2

1. **Which movement allows the drone to move left and right while flying?**
   a. Pitch
   b. Throttle
   c. Yaw
   d. Roll

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2. **When rolling to the right, what change will you see in the coordinate data on the drone dashboard?**
   a. The x-coordinate will decrease.
   b. The x-coordinate will increase.
   c. The y-coordinate will increase.
   d. Both the x and y coordinates will stay the same.

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3. **If the x-coordinate data on the Drone Dashboard changes from 510mm to -700mm, what movement did the drone most likely make?**
   a. The drone rolled to the left.
   b. The drone pitched forward.
   c. The drone rolled to the right.
   d. The drone pitched backward.

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4. **Why is instrument data useful to pilots?**
   a. It makes the drone fly faster and higher.
   b. It replaces the need to use the controller to fly the drone.
   c. Because pilots can use the data to understand the drone's movement and position rather than relying solely on what they can see.
   d. It makes the drone virtually undetectable by radar.