

Wait Program! Post-Quiz **Answer Key**

1. Why is it often better to use conditional commands rather than program a robot to move exact distances?

It can be tedious to measure exact distances and the robot does not always move consistently, depending on factors beyond your control (battery charge, motor speed fluctuations, etc.).

2. What is the function of a wait block? Explain how to use a wait block in a program.

A wait block causes the program to wait until a specified stimulus occurs before proceeding to the next command. A wait block should specify the stimulus being waited on and should follow a move block with duration set to unlimited.

3. What is an *algorithm*?

An algorithm is a clear and specific procedure for solving a problem in a finite number of steps.