



RESEARCH REPORT OF FINDINGS

Intelligent Systems
BioRobotics

Interval 1
Segment 5

Instructions: Complete the questions asked. Your task is to prove that the hypothesis is true according to the test you performed. When finished, **save** the document to your online folders and then **print** two copies for your portfolios.

Student 1: _____

Class Period: _____

Student 2: _____

Hypothesis

The A-R-M robot is capable of sorting the hazardous materials listed in the test into separate shipping compartments without human physical intervention.

Test Materials

List the items that were sorted for the test.

Methods

Briefly explain the test you performed, the methods you used, and any challenges encountered.

Data Entry

Enter the results of your test into the data table. Describe the pieces sorted, how many had to be moved, and the actions that the robot had to make to complete the test. Then explain your results as far as difficulty of the movements, number of pieces moved successfully, and so on.

Item Sorted	Number of Pieces	A-R-M Movements Required	Results



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Analysis:

Summarize your results. Analyze how successful you were at proving the hypothesis true or false by explaining your results. Include a description of your test environment, whether there were any problems, how well you were able to follow the procedures given, and how successful you were. If not successful, explain the factors that contributed to failure.