Name: _____ Date: _____ Class: _____

Random Numbers Worksheet

Exploration Question: What mathematical or geometric concepts can we use to solve the following engineering challenge: *How to move a robot vacuum cleaner in order to most efficiently clean an entire irregularly shaped floor area?*

_____
_____
_____

Sketch: Draw your plan for path the robot should take to clean an irregularly shaped room.

Observations: What is the difference between the first line of students and the second line of students?

_____
_____
_____

Definition: What is a random number?

_____
_____
_____

Observations: How did the robot move around the room?

_____
_____
_____