**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?*

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**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?

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**Definition:** What is a random number?

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**Observations:** How did the robot move around the room?

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