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| **Challenges:** | |
| |  | | --- | | **Challenge 1:** Write a program that drives a square with a side length of .5M.  **Note:** Use a for i in range(size): statement found on the Fns>Ctl> menu.  rv.forward(distance, “unit”)is found toward the bottom of the Fns>Modul>ti\_rover>Drive menu. | | |  | | --- | | **Challenge 2:** Write a program that drives a polygon with as many sides as you like, up to 30, with a side length of .3M.  **Note:** Use a loop along with rv.forward(distance, “unit”)and turn functions. | |
| |  | | --- | | **Challenge 3:** Write a program that navigates around Olympus Mons or class-created substitute without hitting any boulders.  Your team may use a meter stick and protractor to measure the course.  **Note:** Use rv.forward(distance, “unit”)and turn functions. | | |  | | --- | |  | |