

## Challenge 1: Find the Milk Carton

The goal of this exercise is to find a 1 quart milk carton that is located anywhere within a 1 meter radius circle.

The robot starts at the center of the circle facing a random direction. A one quart milk carton is placed randomly in the circle. The robot searches for the milk carton and once it's found, the robot needs to touch it for the timer to stop. The robot that finds the milk carton and touches it in the shortest time is the winner. If the robot moves the milk carton more than 1 inch a 20 second penalty will be assessed.

