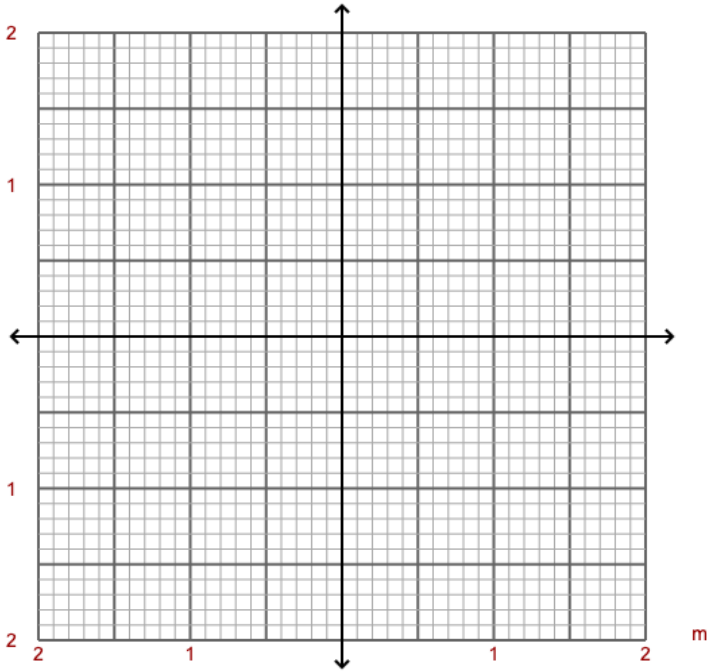# Oh Snap!

Step 1: Draw in the ball and record the radius of the circle. Then write down the mass of the ball and the breaking tension for the rope holding the ball in a circle.

Step 2: Show your calculation of the linear speed of the ball when the rope will break.

Step 3: Show your calculation of the RPM of the ball when the rope breaks. Enter your answers into your program to make sure you did everything correctly