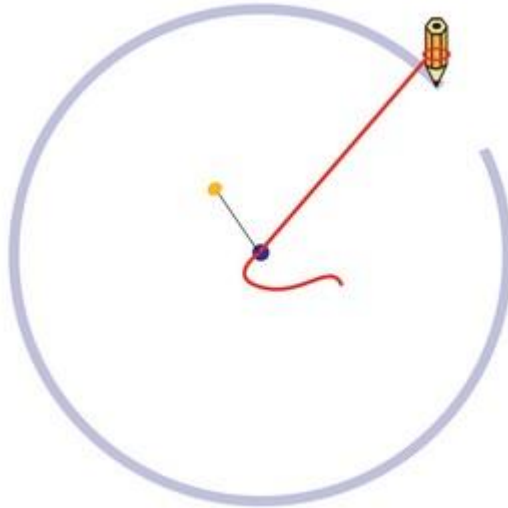


How to draw a perfect circle.

To make a perfect circle tie a loop in both ends of a string, half the length of the diameter of the circle you want to make. Hold one loop to the ground while someone places a pencil, chalk or a stick in the other loop and walks around the center marking off a perfect circle.



A Circle is a geometric shape with no straight edges or corners. Most marble games are played on a circle because all points on a circle are the same distance from the center; everyone has an equal chance at the marbles in the middle.

Radius is the length of the line from the center of a circle to any point on its edge of the circle.

Diameter is the measured distance across a circle through the center. A four-foot diameter circle will measure four feet from one side to the other. The size of a marble is usually described as the diameter of the marble. For example, a 1-inch marble will measure one inch from one edge of the marble to the opposite edge. A caliper tool is a good way to measure a marble's diameter.

Circumference is the distance around a circle, which you can establish by measuring the distance across the circle, through the center, and multiplying it by 3.14. If you wanted to find out how long a piece of pipe you would need to make a 4-foot hoop ring, multiply 4 times 3.14, which means you will need about 12 ½ feet of pipe.