Radius, diameter, and circumference

Materials needed: ruler and a piece of string

Useful manipulatives: two dollar coin, soup can, apple juice can, can of tuna

tuna

apple juice

Using a ruler measure the radius and diameter of each circle. To determine the circumference of each circle, measure the amount of string needed to go around the circle. The centre of each circle is labelled. The circles were drawn using the manipulatives as templates. More accurate circumference measurements will be possible if the string is wrapped around the coin and cans.

> coin A

Radius _____ Diameter _____ Circumference _____ Radius _____

Diameter _____

Circumference ____

soup

Radius _____

Diameter _____ Circumference _____

Radius ___ Diameter _____

Circumference _____