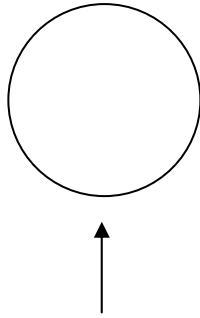


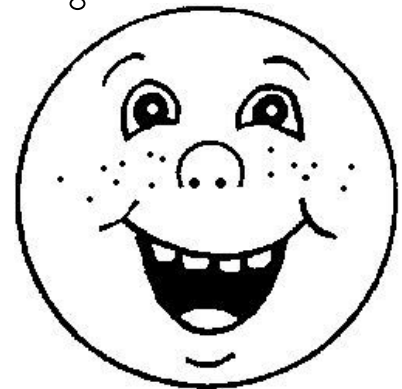
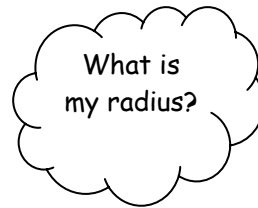
Name \_\_\_\_\_

## CIRCLES

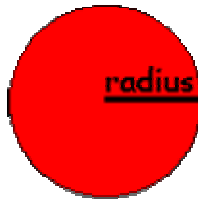
Did you know that a circle is a closed plane curve where every point is equally distant from the centre?



1. What shape is this?
2. Colour  $\frac{1}{4}$  red.
3. Convert the red fractional part to a decimal.
4. Convert the red area to a percentage.
5. What fractional part is white?
6. Convert the white area to a decimal.
7. Convert the white area to a percentage.



### What is the Radius?



The radius is the straight line joining the centre of a circle or sphere to any point on the circumference or surface. The length of this line is usually denoted by the symbol  $r$ .

To find the area of a circle use the formula  $A = \pi \times r^2$   
Where  $A$  = area,  $\pi$  = pi (3.14) and  $r$  = radius.

**Activity:** draw several circles of different sizes and find the radius for each one.