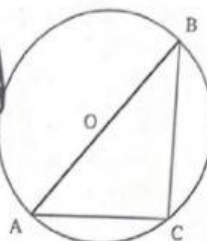
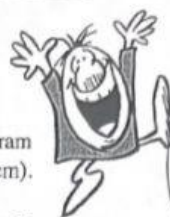




Circle Properties 1.

The angle in a semicircle.



- 1). Draw a circle of any size, centre O.
(You will be taking measurements from the diagram so make the radius of your circle greater than 5 cm).
Draw the diameter AB.
At any point on the circumference mark the point C.
Draw the lines AC and BC. Measure and record all the angles.
Repeat these instructions for another two circles. Write your findings.

- 2). Copy each of the following diagrams and find the marked angles.
The letter O represents the centre of the circle.

Diagrams not to scale

a). $x =$
 $y =$

b). $x =$
 $y =$

c). $x =$
 $y =$

d). $x =$
 $y =$

e). $x =$
 $y =$

f). $x =$
 $y =$
 $z =$

g). $x =$
 $y =$

h). $x =$
 $y =$
 $u =$

i). $x =$
 $y =$
 $u =$

j). $x =$
 $y =$
 $z =$
 $u =$

k). $x =$
 $y =$
 $z =$
 $u =$

l). $x =$
 $y =$
 $z =$
 $u =$
 $v =$