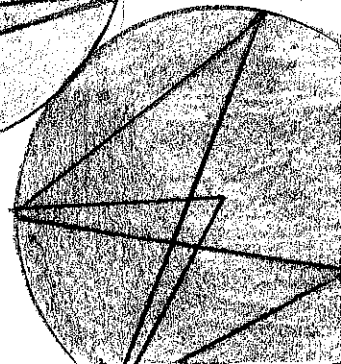
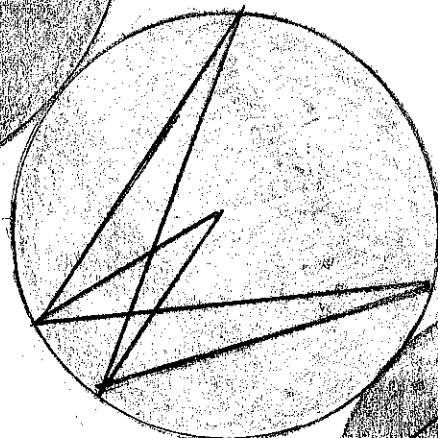
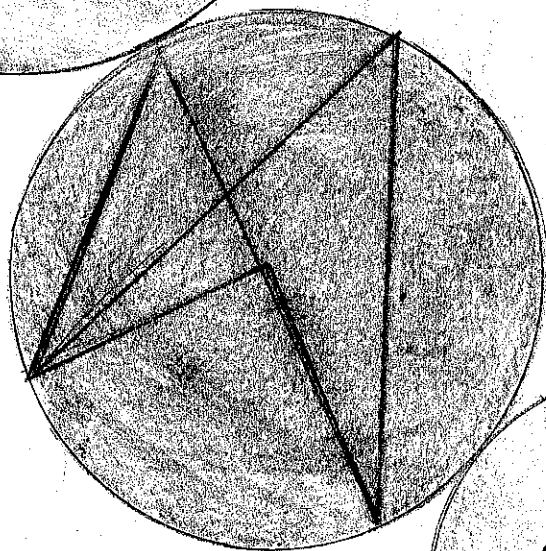
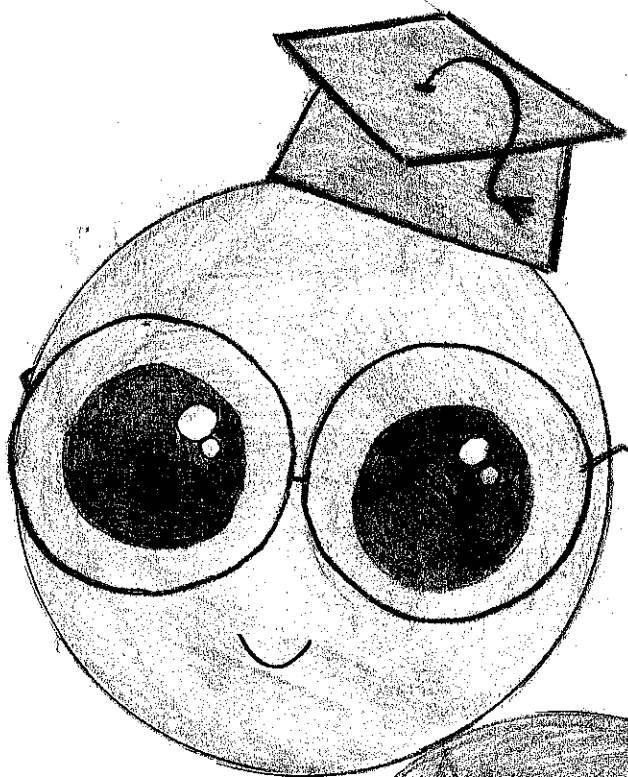


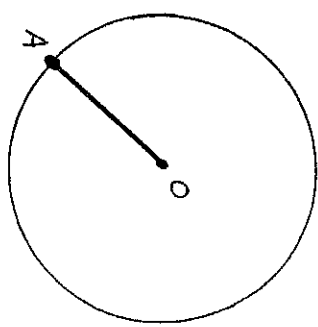
CIRCLE THEOREMS



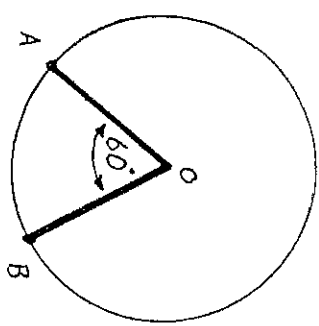
CIRCLE INVESTIGATIONS - TOP SCHOOLS

EXPERIMENT N° 1 : ANGLE AOB = 60°

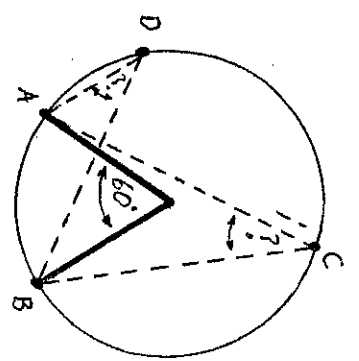
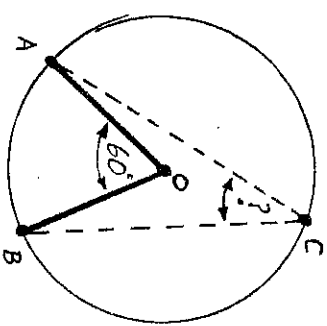
STEP 1 DRAW A CIRCLE AND MARK A POINT "A" ON THE CIRCUMFERENCE. DRAW THE RADIUS FROM O, THE CENTRE, TO A.....



STEP 2 MEASURE AN ANGLE OF 60° ABOUT "O" FROM RADIUS "AO" AND MARK A SECOND POINT ON THE CIRCUMFERENCE. CALL THIS POINT "B" AND DRAW A SECOND RADIUS FROM "O" TO THIS NEW POINT.



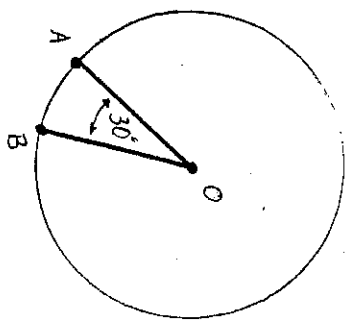
STEP 3 PICK A POINT C ON THE CIRCUMFERENCE OF THE CIRCLE. IN THE MAJOR ARC AB } DRAW CHORDS AC AND BC AND MEASURE THE ANGLE BETWEEN AC AND AB. WRITE YOUR ANSWER ON YOUR DIAGRAM.



STEP 4 PICK ANOTHER POINT ON THE CIRCUMFERENCE AND CALL THIS POINT "D". DRAW CHORDS DA AND DB AND MEASURE ANGLE ADB. WRITE YOUR ANSWER ON YOUR DIAGRAM.

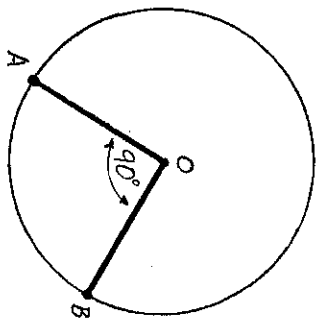
EXPERIMENT N° 2 : ANGLE AOB = 30°

REPEAT EXPERIMENT N° 1 BUT THIS TIME MAKE ANGLE AOB = 30°.



EXPERIMENT N° 3 : ANGLE AOB = 90°

REPEAT EXPERIMENT N° 1 BUT THIS TIME MAKE ANGLE ACB = 90°



Now MAKE A TABLE OF RESULTS.

ANGLE AOB	ANGLE ACB	ANGLE ADB
60°		
30°		
90°		