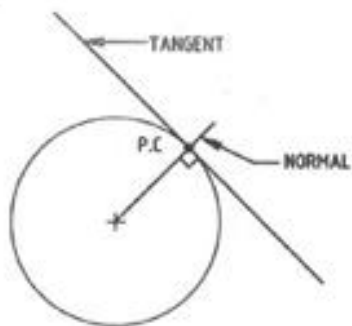


Y9 BT & BGT Worksheet # 8

Note: Students to attempt this at the back of their exercise book.

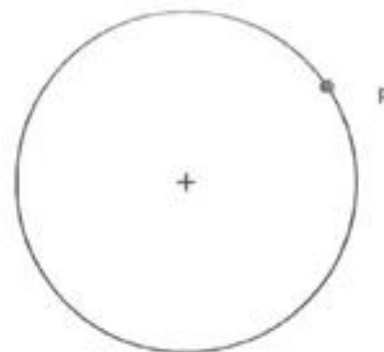
TANGENTS TO CIRCLES

A TANGENT IS A STRAIGHT LINE THAT TOUCHES THE CIRCUMFERENCE OF A CIRCLE AT ONE POINT BUT DOES NOT CUT IT. THE POINT WHERE THE TANGENT TOUCHES THE CIRCLE IS CALLED THE POINT OF CONTACT (P.C.). A NORMAL IS A LINE THAT PASSES THROUGH THE POINT OF CONTACT AND IS PERPENDICULAR TO THE TANGENT.



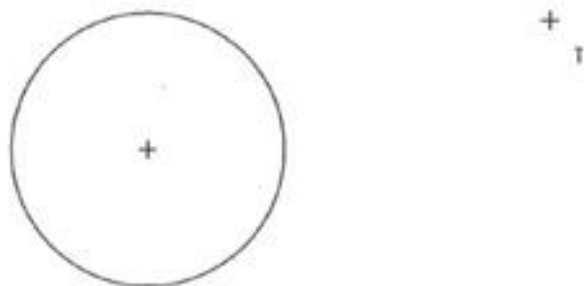
GIVEN: A CIRCLE AND A POINT R ON THE CIRCUMFERENCE OF THE CIRCLE.

REQUIRED: DRAW A TANGENT TO POINT R



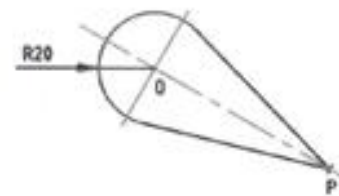
GIVEN: A CIRCLE AND A POINT T OUTSIDE THE CIRCLE.

REQUIRED: DRAW A TANGENT FROM POINT T TO THE GIVEN CIRCLE



GIVEN: A GEOMETRICAL PATTERN.

REQUIRED: REDRAW THE PATTERN



X
O

X
P

NAME: _____

YEAR: _____

DATE: _____

SHEET NO: 29