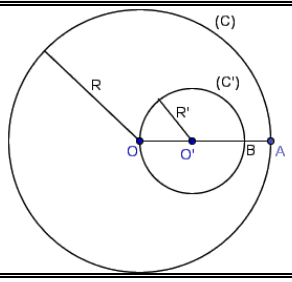
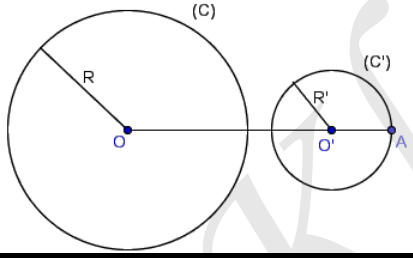
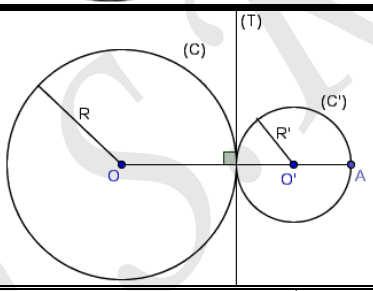
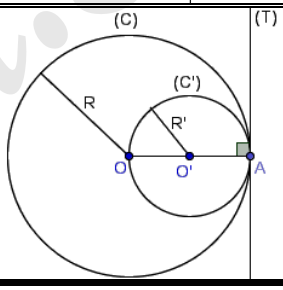
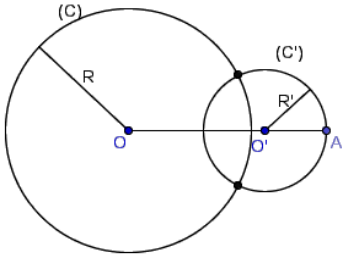
Consider the two distinct circles $C(O;R)\&C'(O;R')$, where R & R' are ***positive non-zero*** numbers.

NO.	Relative Position of the two circles		Graphical representation	Mathematical relation
1.	Two Circles are ***Disjoint:***	*Internally* If		$OO'<R-R', where (R>R')$
		Externally If		$OO'>R+R'.$
2.	Two Circles are ***Tangent***:	*Externally* If		$OO'=R+R'.$
		Internally If		$OO'=R-R'.where(R>R')$
3.	Two Circles are ***Intersecting*** if			$R-R'<OO'<R+R'.(R>R')$

Summary:

	Externally	Internally
Tangent	$OO'=r+r'$	$OO'=r-r'$
Disjont	$OO'>r+r'$	$OO'<r-r'$

If none of the above applies, then circles are secant