

If _____ in the equation $x^2 + y^2 = r^2$, no circle exists.

- A) $r^2 > 0$
 - B) $r^2 \neq 0$
 - C) $r^2 < 0$
 - D) $r^2 \leq 0$
-

If $r^2 < 0$ in the equation $x^2 + y^2 = r^2$, no circle exists.
Answer **C**