

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**

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