NO.
DATE

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Guided Practice

a. Proof: Assume that $-17 = k$

An integer n is odd if and only if n can be expressed as twice some integer plus 1. that is if n can be written of the form $2k+1$ where k is some integer.

To check if -17 is an odd integer

$n \Rightarrow$ odd

$n = 2k + 1$

$= 2(-17) + 1$

$= -34 + 1$

$= -33$

$\therefore$ -17 is an odd integer