

# Week of December 11, 2017

Three boxes, 3 signs: Only one box has the prize;  
 $n$  is odd if and only if two signs are true.

Sign A says, “ $n$  is even and box 1 has the prize.”

Sign B says, “ $n+4$  is a multiple of 3 or box 3 has the prize.” Sign C says “ $n$  is odd or box 2 has the prize.” Given that  $n$  is a single digit positive integer, which box most often has the prize?