```haskell
import Test.QuickCheck

menor3 :: Int -> Int -> Int -> Int
menor3 a b c
   | a < b && a < c = a
   | b < a && b < c = b
   | otherwise      = c

prop_menor31 :: Int -> Int -> Int -> Bool
prop_menor31 a b c = menor3 a b c == a ||
                     menor3 a b c == b ||
                     menor3 a b c == c

prop_menor32 :: Int -> Int -> Int -> Bool
prop_menor32 a b c = menor3 a b c <= a &&
                     menor3 a b c <= b &&
                     menor3 a b c <= c
```