

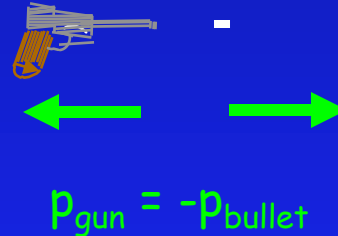
ACT

Movies often show someone firing a gun loaded with blanks. In a blank cartridge the lead bullet is removed and the end of the shell casing is crimped shut to prevent the gunpowder from spilling out. When a gun fires a blank, is the recoil greater than, the same as, or less than when the gun fires a standard bullet?

A. greater than

B. same as

C. less than ← correct



If there is no bullet then $p_{bullet} = 0$ so $p_{gun} = 0$

As if ice skater had no one to push...