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What does BF's clock read?





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answer is 12:04.





Unstable elementary particle are produced traveling at v=0.6c with respect to an observer in a laboratory. These particles have a typical intrinsic lifetime of 100ns.

In the frame of the observer, how long will the particles typically last before decaying?

A) They won't decay while moving

B) 100ns



 $(1-0.6^2)^{-1/2} = 1.25$ 100ns * 1.25 = 125ns Answer is C, sorry for the typo!