

Physics 1214 - General Physics II

Quiz #24 - 2013.04.10

Name: _____

1. What makes a frame of reference an inertial frame of reference?

2. A space-faring individual takes a round-trip from Earth to a star and back again with velocity approaching the speed of light. From the point of someone on Earth, who has experienced more time: a person on Earth, or the space-faring individual?

3. You wish to move a couch through a right-angle corner turn in a hallway. Will accelerating the couch to a really high velocity help?