

- 6.9.** (a) False. The mass of an object is a measure of its inertia, which is the same regardless of location.
- (b) True. The weight of an object is a measurement of how much force an object presses down on a surface with, and varies depending on location and whether the object is accelerating.
- (c) False. Mass and weight describe very different things, as pointed out in parts (a) and (b).