Physics 203: Quiz 3

September 24, 2012

Note: Please write down any formulae before plugging numbers into them.

1. An object is held in equilibrium by **three** non-zero forces. If **one** of these forces is removed, can the object continue to remain in equilibrium? If yes, describe a particular situation. If no, why not?

2. An object is held in equilibrium by **four** non-zero forces. If **two** of these forces are removed, can the object continue to remain in equilibrium? If yes, describe a particular situation. If no, why not?