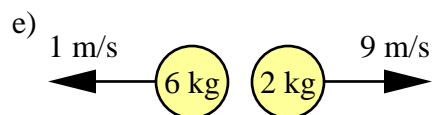
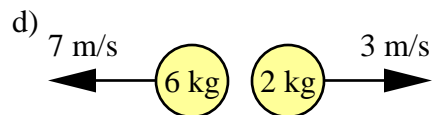
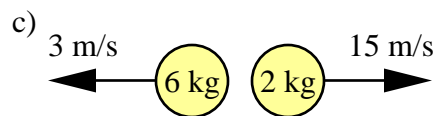
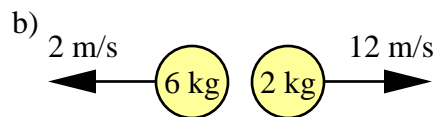
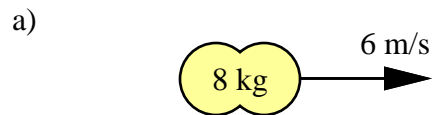
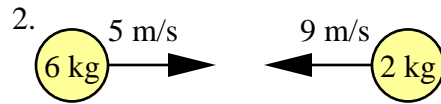
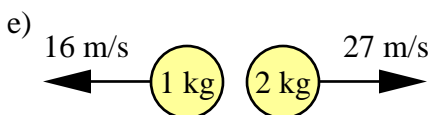
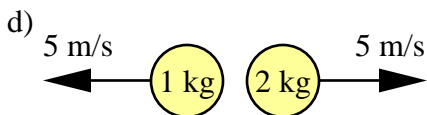
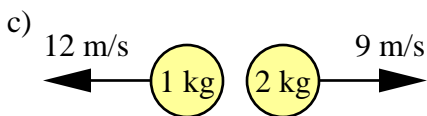
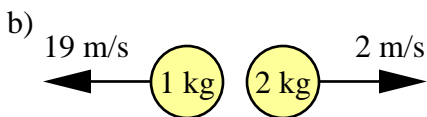
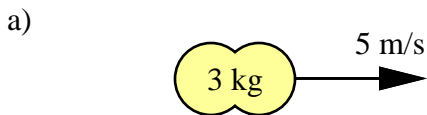
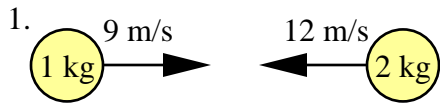


ENERGY IN COLLISIONS

The diagrams below represent generic objects before a collision followed by a set of outcomes to be considered. Comment on the outcomes, paying strict attention to the energy and momentum of each system before and after the collision. Does the outcome describe a completely inelastic, partially inelastic, partially elastic, completely elastic, or impossible collision? Provide a brief explanation to accompany each answer. (Note: in order to conserve space, the masses and velocities were not drawn to scale.)



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