



Ask Mish

4 FORCES in the Universe

- Strongest**
- **STRONG F** through Gluons keep protons and nucleons together in nucleus
 - **WEAK F** opposite of first one makes nucleus “explode” or decay ;
 - **ELECTROMAGNETIC F** : between charged particles or electrons changing energetic levels
- Weakest**
- **GRAVITY F** : between particles with mass
 - $S > EM > W > G$ (S=strongest force; G=weakest force)