Act. 2. 3 8	& 2.4 Wrap-up Notes	
• Po	otential energy is <u>Stored in the</u> otential energy o <u>Electrical potential</u> de <u>Magnetic potential</u> de	of objects with electric or magnetic eals with the type of electric charges built up in the field (+) or eals with the position of magnets/poles
• If	the electric or magnetic field is changed, it Field is affected by: 1. Type of Chard of cole 2. The another of char 3. Distance	orientation
• A	There must be an attractive	ential energy or replusive force
•	The potential energy depend or Current position	the force needed to keep the object in its

Amount of energy in field depends on position & charge of 2 objects	
objects must have a distance of	lifference to have
o <u>Luks</u> repel	
A force is needed to keep them from moving apart (repelling)	- Torce Tuta Weat,
1 4+	Very little energy
4+)	stored in field,
	nomotion
objects must have a distance of potential energy stored in field o attract A force is needed to keep them from moving together	difference to have low
▲ triangles	close = stronger field
- no met	close = stronger field ion, blc field & s are equal
	on on and
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*** Objects with built up energy in fields are most when they have	NO potential energy
(not moving)	Force = electric P.E.)