

Warm Up

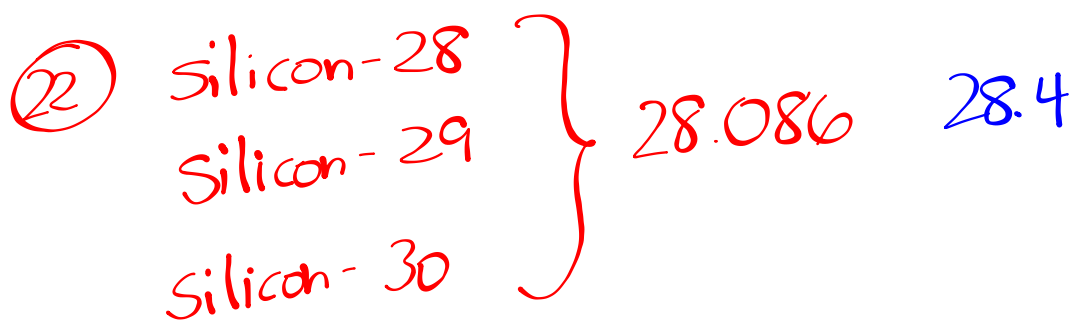
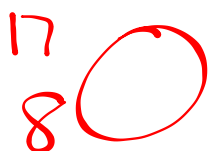
$$p + n = \text{mass \#}$$

Isotope	protons	neutrons	electrons
copper - 64 ⁶⁴ ₂₉ Cu	29	35	29
chromium-53	24	29	24
sulfur - 33	16	17	16
calcium-41	20	21	20
gold - 108	79	29	79

What is an isotope??

neutrons
↓
mass #

Homework #15-24



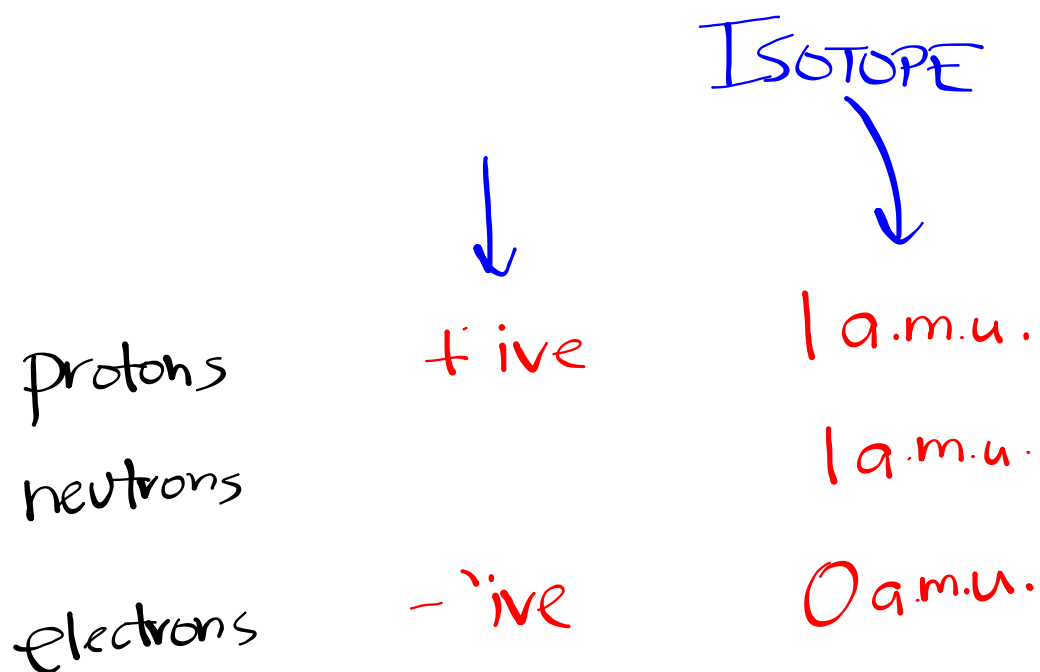
Homework - Isotopes Worksheet

Isotope Name	Atomic Number	Mass Number	Symbol	# of Protons	# of Neutrons
carbon - 14					
hydrogen - 2					
awrencium - 257					

Homework

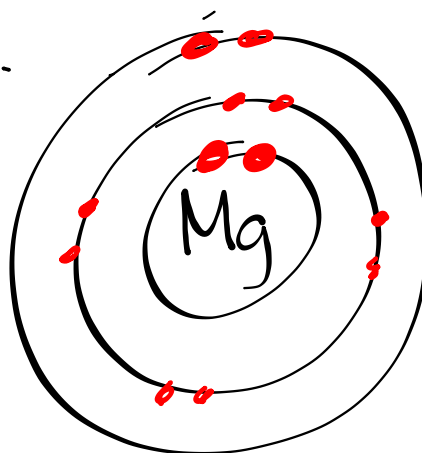
Isotope worksheet

p. 119 #30-33





$3p^+$
 $3e^-$



$12p^+$
 $12e^-$