

NAME: _____

Isotopes Practice Set

1. What is an isotope?
2. What does the number next to isotopes signify?
3. How can you tell isotopes apart?

For each of the following isotopes, write the number of protons, neutrons, and electrons.

	Chromium-58	Chromium-63
# of protons		
# of neutrons		
# of electrons		

	Carbon-12	Carbon-16
# of protons		
# of neutrons		
# of electrons		

	Nitrogen-15	Nitrogen-20
# of protons		
# of neutrons		
# of electrons		

	Sulfur-23	Sulfur-25
# of protons		
# of neutrons		
# of electrons		

Fill in the isotope names and any missing information, including isotope numbers from the chart. Use your periodic table and the information provided.

	Iodine-	Iodine-
# of protons		
# of neutrons	32	35
# of electrons		

	Iron-	Iron-
# of protons		
# of neutrons	27	30
# of electrons		

# of protons		
# of neutrons	113	111
# of electrons	55	

# of protons	32	
# of neutrons	30	32
# of electrons		