



# ISOTOPE PRACTICE WORKSHEET



Fill in the isotope names and any missing information on the chart. Use the periodic table and the information provided. Assume all atoms are neutral.

# of protons	25	
# of neutrons	17	15
# of electrons		

# of protons		
# of neutrons	48	51
# of electrons		46

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

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

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

	Germanium-	Germanium-
# of protons		
# of neutrons	33	36
# of electrons		

	-10	-12
# of protons		6
# of neutrons		
# of electrons	6	

	-54	-56
# of protons	24	
# of neutrons		
# of electrons		



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## Answers

Fill in the isotope names and any missing information on the chart. Use the periodic table and the information provided. Assume all atoms are neutral.

	Manganese-42	Manganese-40
# of protons	25	25
# of neutrons	17	15
# of electrons	25	25

	Palladium-94	Palladium-97
# of protons	46	46
# of neutrons	48	51
# of electrons	46	46

	Cesium-168	Cesium-166
# of protons	55	55
# of neutrons	113	111
# of electrons	55	55

	Iron-53	Iron-56
# of protons	26	26
# of neutrons	27	30
# of electrons	26	26

	Iodine-85	Iodine-88
# of protons	53	53
# of neutrons	32	35
# of electrons	53	53

	Germanium-65	Germanium-68
# of protons	32	32
# of neutrons	33	36
# of electrons	32	32

	Carbon-10	Carbon-12
# of protons	6	6
# of neutrons	4	6
# of electrons	6	6

	Chromium-54	Chromium-56
# of protons	24	24
# of neutrons	30	32
# of electrons	24	24