

How are Ions Made From Neutral Atoms?

Complete the following tables with appropriate information.

	Neutral Atom	Ion
Symbol	Li	Li ⁺
Number of Protons		
Number of Neutrons		
Number of Electrons		

	Neutral Atom	Ion
Symbol	F	F ⁻
Number of Protons		
Number of Neutrons		
Number of Electrons		

	Neutral Atom	Ion
Symbol	Mg	Mg ²⁺
Number of Protons		
Number of Neutrons		
Number of Electrons		

	Neutral Atom	Ion
Symbol	N	N ³⁻
Number of Protons		
Number of Neutrons		
Number of Electrons		

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Answers

	Neutral Atom	Ion
Symbol	Li	Li ⁺
Number of Protons	3	3
Number of Neutrons	4	4
Number of Electrons	3	2

	Neutral Atom	Ion
Symbol	F	F ⁻
Number of Protons	9	9
Number of Neutrons	10	10
Number of Electrons	9	10

	Neutral Atom	Ion
Symbol	Mg	Mg ²⁺
Number of Protons	12	12
Number of Neutrons	12	12
Number of Electrons	12	10

	Neutral Atom	Ion
Symbol	N	N ³⁻
Number of Protons	7	7
Number of Neutrons	7	7
Number of Electrons	7	10