

Complete the table, using the periodic table as a guide: (first one is done as an example):

important -----> (cross off answers from the proton, neutron, electron column on bottom, and then circle the leftover answer!)

name	# of protons, neutrons, & electrons	complete symbol
zinc-66	p ⁺ <u>30</u> n <u>36</u> e ⁻ <u>30</u>	${}^{66}_{30}\text{Zn}$
magnesium-20 2+ ion	p ⁺ ____ n ____ e ⁻ ____	${}^{20}_{12}\text{Mg}^{2+}$
	p ⁺ <u>12</u> n <u>14</u> e ⁻ <u>12</u>	
	p ⁺ ____ n ____ e ⁻ ____	${}^{61}_{26}\text{Fe}^{3+}$
iodine-132 1- ion	p ⁺ ____ n ____ e ⁻ ____	
	p ⁺ <u>82</u> n <u>110</u> e ⁻ <u>78</u>	
	p ⁺ ____ n ____ e ⁻ ____	${}^{32}_{16}\text{S}^{2-}$
uranium-235	p ⁺ ____ n ____ e ⁻ ____	
	p ⁺ <u>38</u> n <u>45</u> e ⁻ <u>36</u>	
	p ⁺ ____ n ____ e ⁻ ____	${}^{185}_{74}\text{W}$
tin-119 +2 ion	p ⁺ ____ n ____ e ⁻ ____	
	p ⁺ <u>1</u> n <u>0</u> e ⁻ <u>0</u>	