

Le tableau périodique

Tableau périodique des éléments chimiques

groupe 1																	18					
1	1,00794 1 H hydrogène																	4,002602 2 He hélium				
2	6,941 3 Li lithium	9,012182 4 Be beryllium															10,811 5 B bore	12,0107 6 C carbone	14,0067 7 N azote	15,9994 8 O oxygène	18,998403 9 F fluor	20,1797 10 Ne néon
3	22,98976 11 Na sodium	24,3050 12 Mg magnésium															26,98153 13 Al aluminium	28,0855 14 Si silicium	30,97696 15 P phosphore	32,065 16 S soufre	35,453 17 Cl chlore	39,948 18 Ar argon
4	39,0983 19 K potassium	40,078 20 Ca calcium	44,95591 21 Sc scandium	47,867 22 Ti titane	50,9415 23 V vanadium	51,9962 24 Cr chrome	54,93804 25 Mn manganèse	55,845 26 Fe fer	58,93319 27 Co cobalt	58,6934 28 Ni nickel	63,546 29 Cu cuivre	65,38 30 Zn zinc	69,723 31 Ga gallium	72,64 32 Ge germanium	74,92160 33 As arsenic	78,96 34 Se sélénium	79,904 35 Br brome	83,798 36 Kr krypton				
5	85,4678 37 Rb rubidium	87,62 38 Sr strontium	88,90585 39 Y yttrium	91,224 40 Zr zirconium	92,90638 41 Nb niobium	95,96 42 Mo molybdène	(98) 43 Tc technétium	101,07 44 Ru ruthénium	102,9055 45 Rh rhodium	106,42 46 Pd palladium	107,8682 47 Ag argent	112,441 48 Cd cadmium	114,818 49 In indium	118,710 50 Sn étain	121,760 51 Sb antimoine	127,60 52 Te tellure	126,9044 53 I iode	131,293 54 Xe xénon				
6	132,9054 55 Cs césium	137,327 56 Ba baryum	lanthanides		178,49 72 Hf hafnium	180,9478 73 Ta tantale	183,84 74 W tungstène	186,207 75 Re rhénium	190,23 76 Os osmium	192,217 77 Ir iridium	195,084 78 Pt platine	196,9665 79 Au or	200,59 80 Hg mercure	204,3833 81 Tl thallium	207,2 82 Pb plomb	208,9804 83 Bi bismuth	(210) 84 Po polonium	(210) 85 At astate	(220) 86 Rn radon			
7	(223) 87 Fr francium	(226) 88 Ra radium	actinides		(261) 104 Rf rutherfordium	(262) 105 Db dubnium	(266) 106 Sg seaborgium	(264) 107 Bh bohrium	(277) 108 Hs hassium	(268) 109 Mt meitnerium	(271) 110 Ds darmstadtium	(272) 111 Rg roentgenium	(285) 112 Cn copernicium	(284) 113 Nh nihonium	(289) 114 Fl flérovium	(288) 115 Mc moscovium	(292) 116 Lv livermorium	117 Ts tennessé	(294) 118 Og oganesson			
			138,9054 57 La lanthane	140,116 58 Ce cérium	140,9076 59 Pr praséodyme	144,242 60 Nd néodyme	(145) 61 Pm prométhium	150,36 62 Sm samarium	151,964 63 Eu europium	157,25 64 Gd gadolinium	158,9253 65 Tb terbium	162,500 66 Dy dysprosium	164,9303 67 Ho holmium	167,259 68 Er erbium	168,9342 69 Tm thulium	173,054 70 Yb ytterbium	174,9668 71 Lu lutetium					
			(227) 89 Ac actinium	232,0380 90 Th thorium	231,0358 91 Pa protactinium	238,0289 92 U uranium	(237) 93 Np neptunium	(244) 94 Pu plutonium	(243) 95 Am américium	(247) 96 Cm curium	(247) 97 Bk berkélium	(251) 98 Cf californium	(252) 99 Es einsteinium	(257) 100 Fm fermium	(258) 101 Md mendélévium	(259) 102 No nobélium	(262) 103 Lr lawrencium					

masse atomique ou nombre de masse le plus stable — 55,845 — numéro atomique — 26 —

symbole chimique — **Fe** — nom — Fer

- métaux alcalins
 - métaux alcalino-terreux
 - autres métaux
 - métaux de transition
 - lanthanides
 - actinides
 - métalloïdes
 - non-métaux
 - halogènes
 - gaz nobles
 - éléments inconnus
- Les éléments radioactifs ont leurs masses entre parenthèses

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3 Na sodium	4 Mg magnésium											13 Al aluminium	14 Si silicium	15 P phosphore	16 S soufre	17 Cl chlore	18 Ar argon
4 K potassium	5 Ca calcium	6 Sc scandium	7 Ti titane	8 V vanadium	9 Cr chrome	10 Mn manganèse	11 Fe fer	12 Co cobalt	13 Ni nickel	14 Cu cuivre	15 Zn zinc	16 Ga gallium	17 Ge germanium	18 As arsenic	19 Se sélénium	20 Br brome	21 Kr krypton
5 Rb rubidium	6 Sr strontium	7 Y yttrium	8 Zr zirconium	9 Nb niobium	10 Mo molybdène	11 Tc technétium	12 Ru ruthénium	13 Rh rhodium	14 Pd palladium	15 Ag argent	16 Cd cadmium	17 In indium	18 Sn étain	19 Sb antimoine	20 Te tellure	21 I iode	22 Xe xénon
6 Cs césium	7 Ba baryum	lanthanides	4 Hf hafnium	5 Ta tantale	6 W tungstène	7 Re rhénium	8 Os osmium	9 Ir iridium	10 Pt platine	11 Au or	12 Hg mercure	13 Tl thallium	14 Pb plomb	15 Bi bismuth	16 Po polonium	17 At astate	18 Rn radon
7 Fr francium	8 Ra radium	actinides	104 Rf rutherfordium	105 Db dubnium	106 Sg seaborgium	107 Bh bohrium	108 Hs hassium	109 Mt meitnerium	110 Ds darmstadtium	111 Rg roentgenium	112 Cn copernicium	113 Nh nihonium	114 Fl flérovium	115 Mc moscovium	116 Lv livermorium	117 Ts tennessé	118 Og oganesson
			57 La lanthane	58 Ce cérium	59 Pr praséodyme	60 Nd néodyme	61 Pm prométhium	62 Sm samarium	63 Eu europium	64 Gd gadolinium	65 Tb terbium	66 Dy dysprosium	67 Ho holmium	68 Er erbium	69 Tm thulium	70 Yb ytterbium	71 Lu lutetium
			89 Ac actinium	90 Th thorium	91 Pa protactinium	92 U uranium	93 Np neptunium	94 Pu plutonium	95 Am américium	96 Cm curium	97 Bk berkélium	98 Cf californium	99 Es einsteinium	100 Fm fermium	101 Md mendélévium	102 No nobélium	103 Lr lawrencium

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nombre de
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symbole de l'élément

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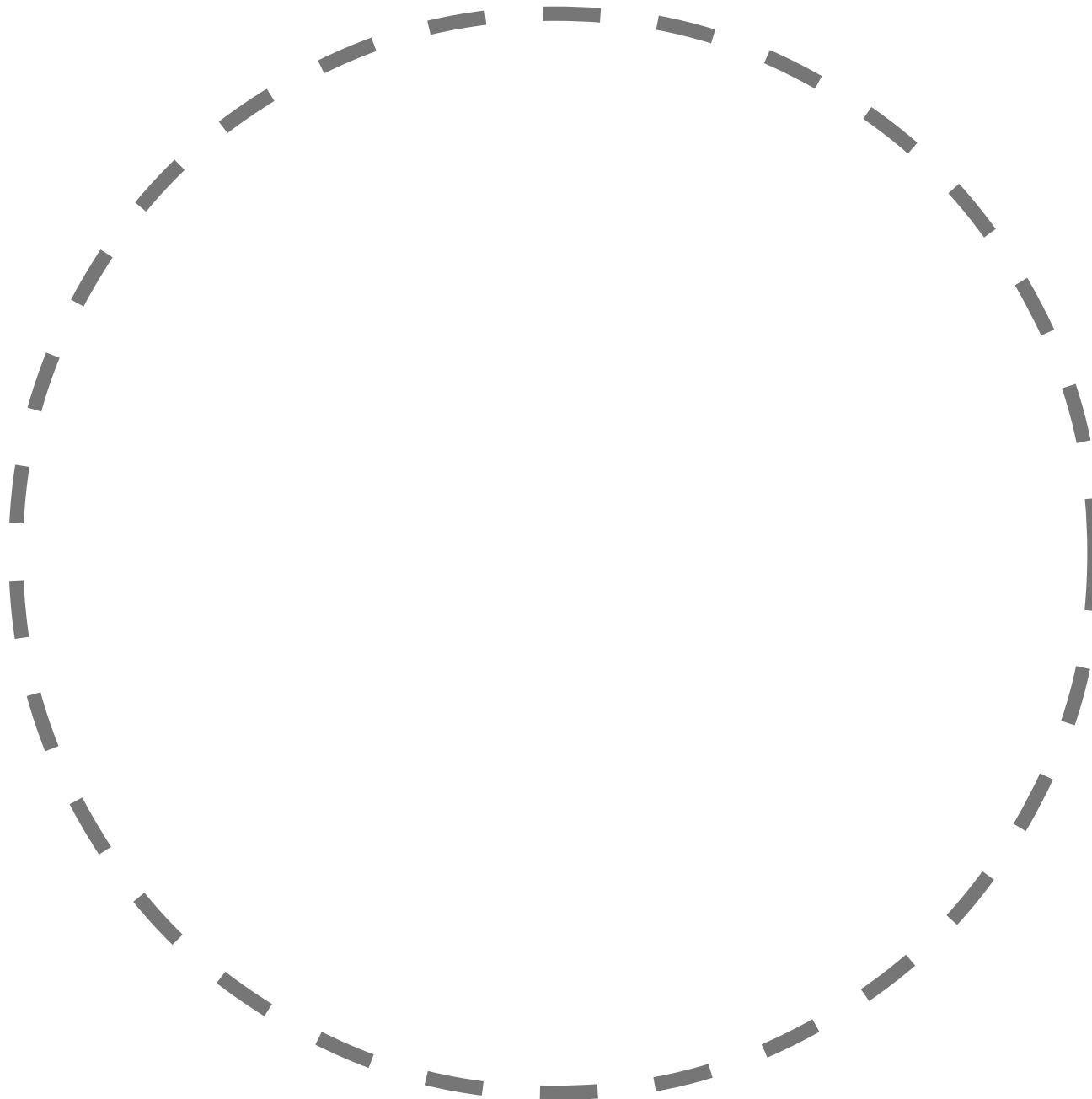
L'atome d'hydrogène

1,00794

1

H

hydrogène



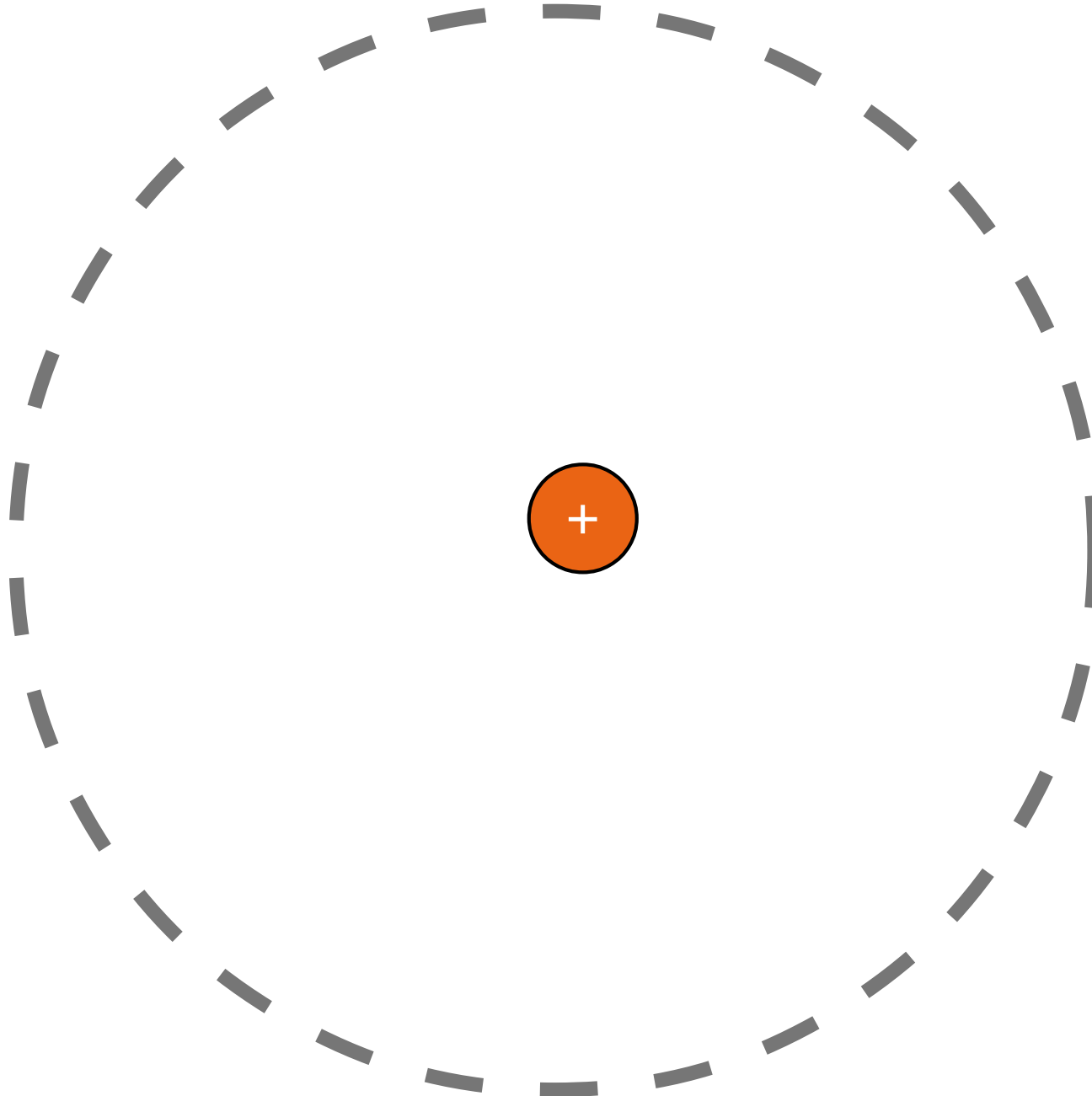
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H

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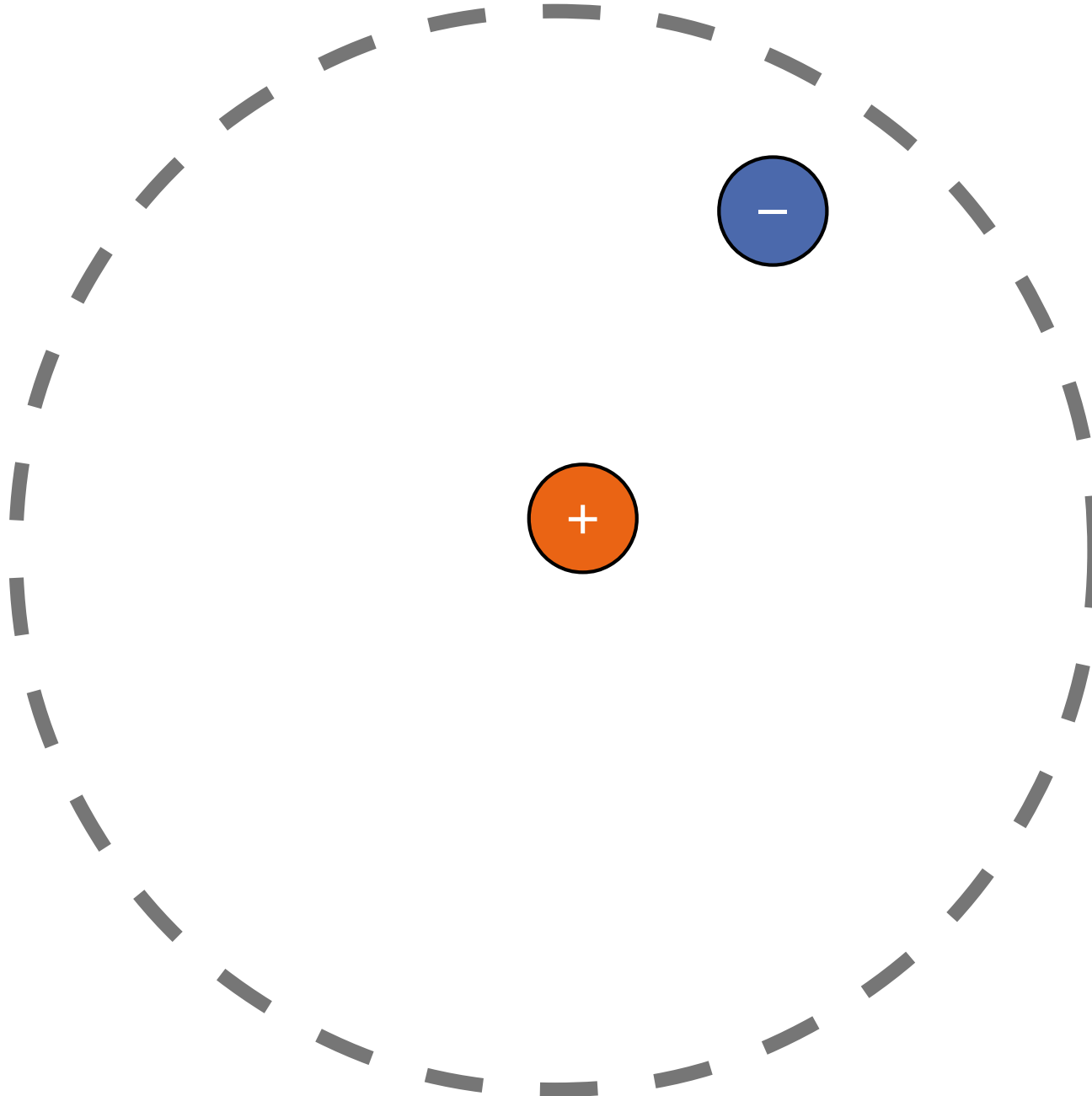
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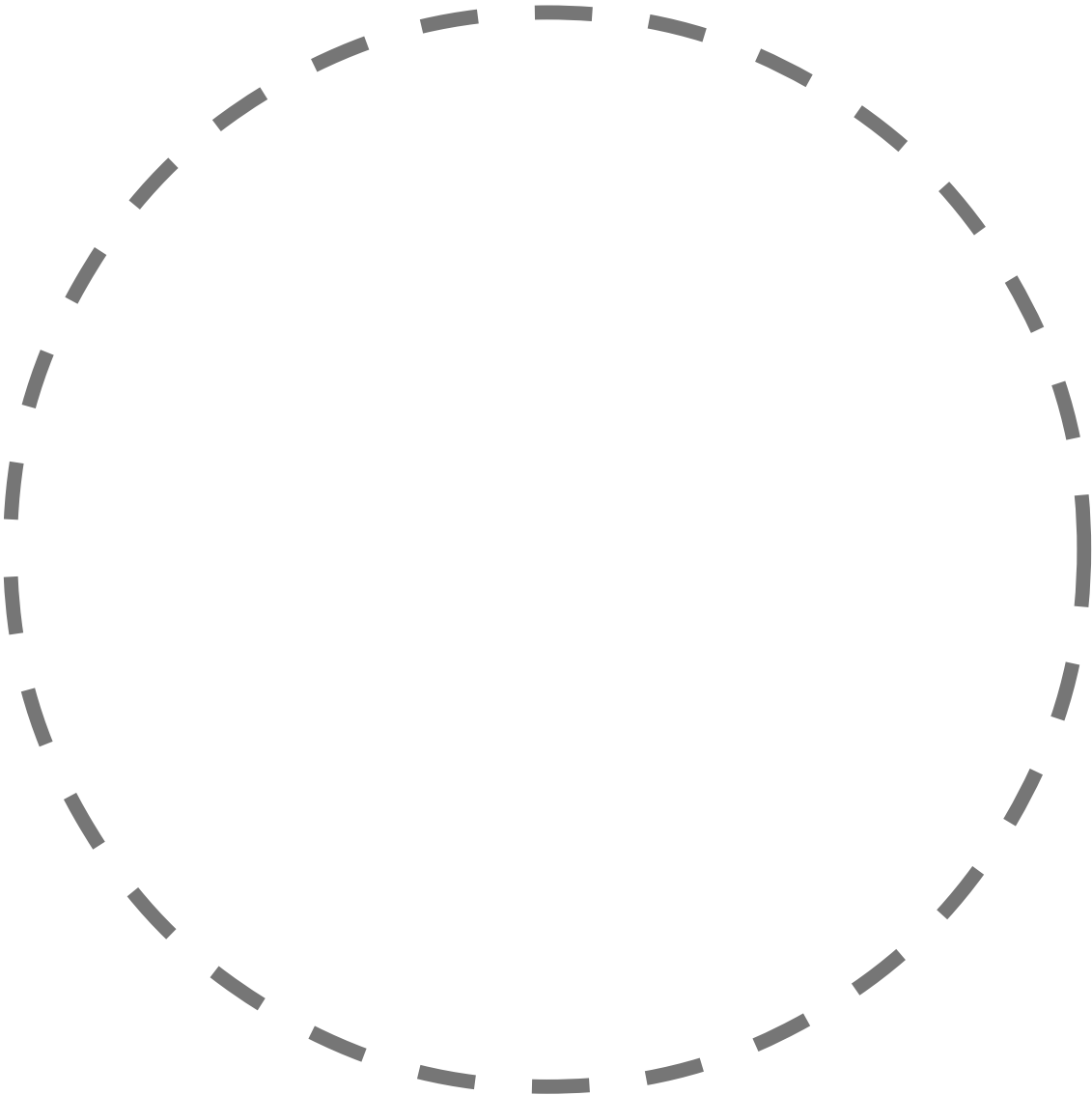
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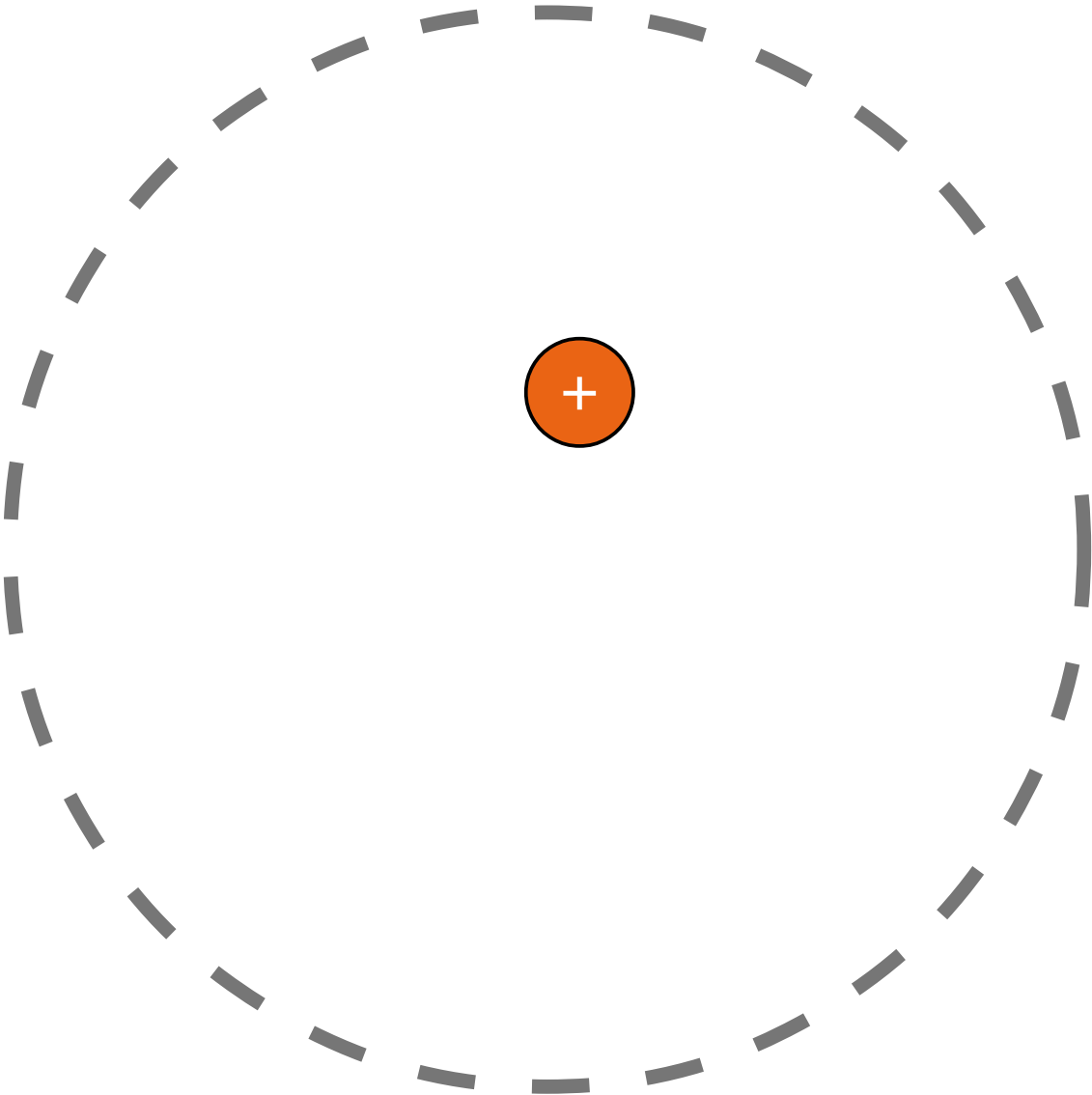
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C	
carbone	

L'atome de carbone



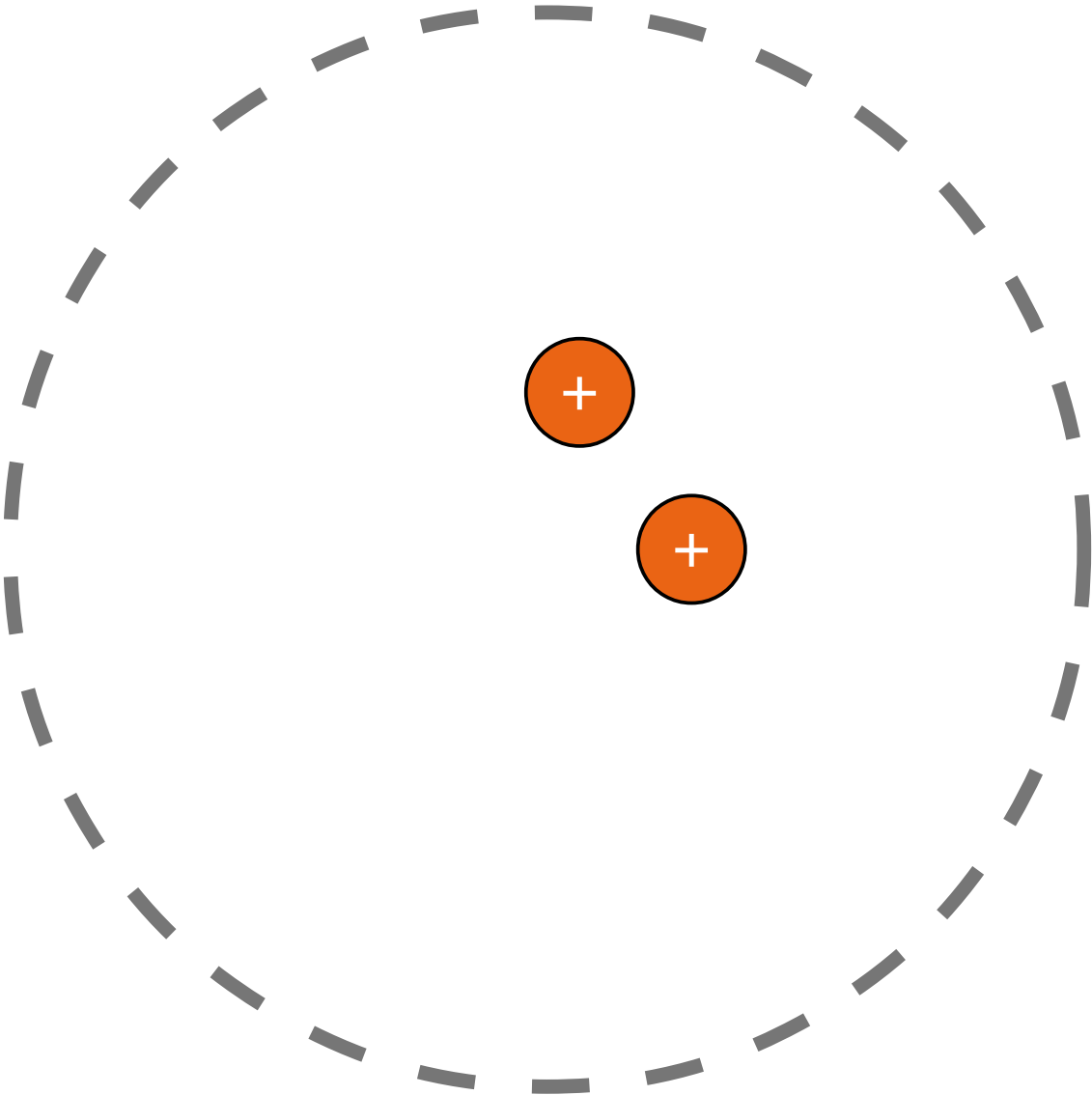
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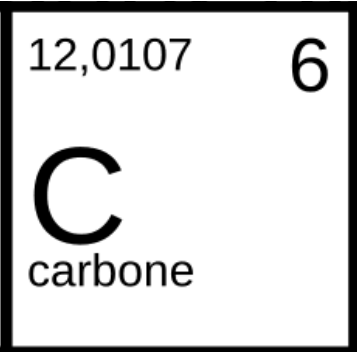
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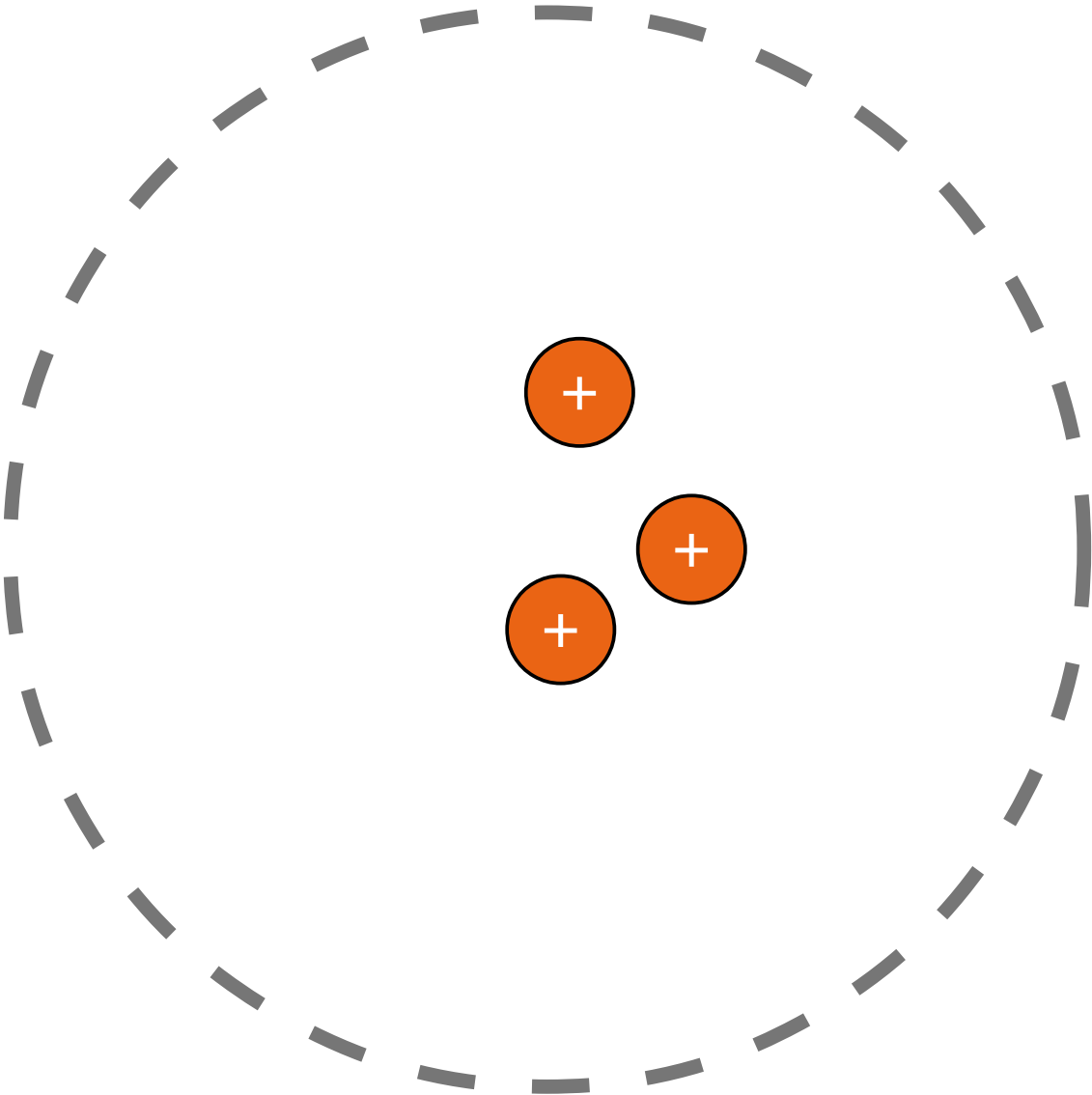
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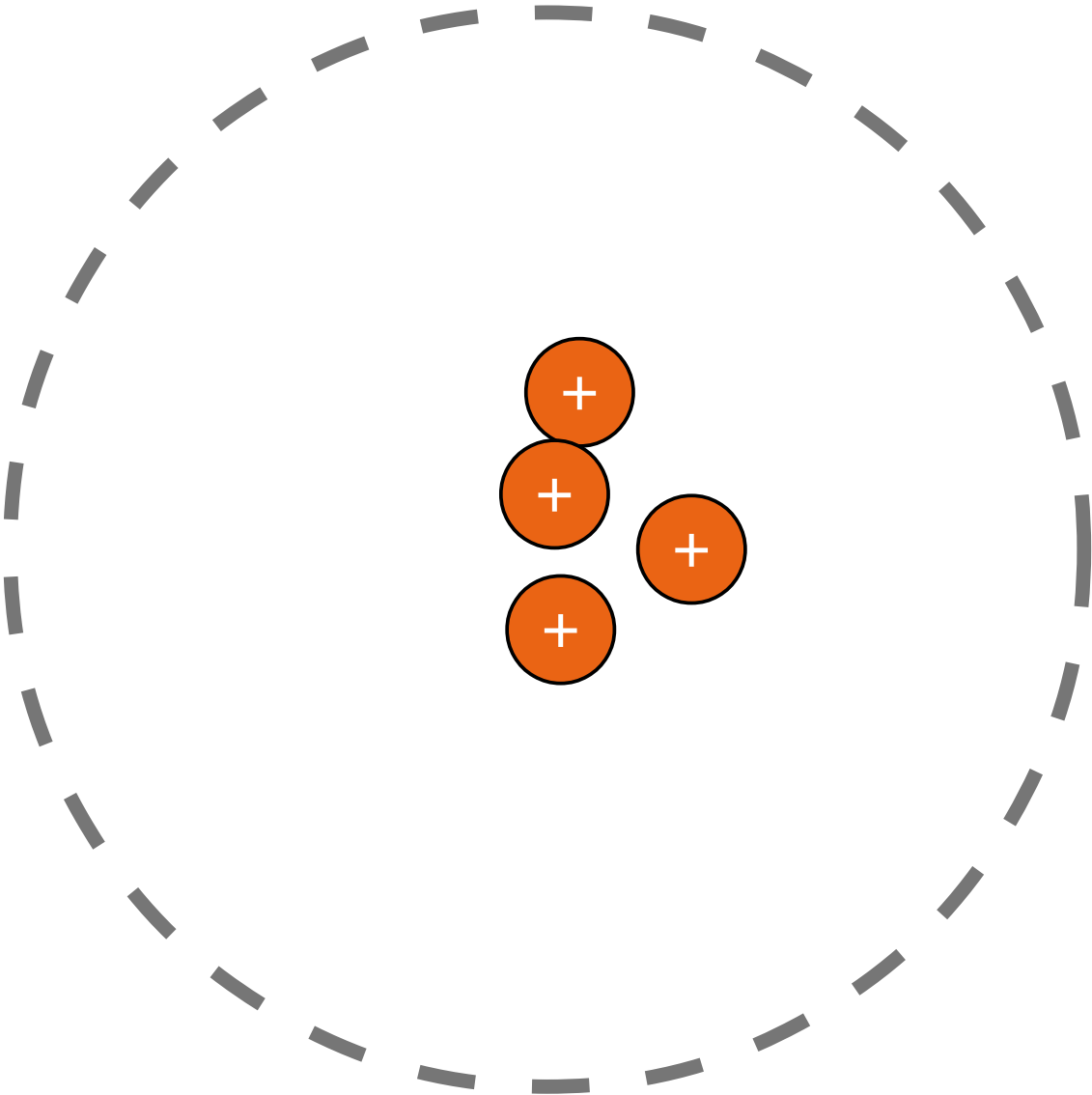


L'atome de carbone



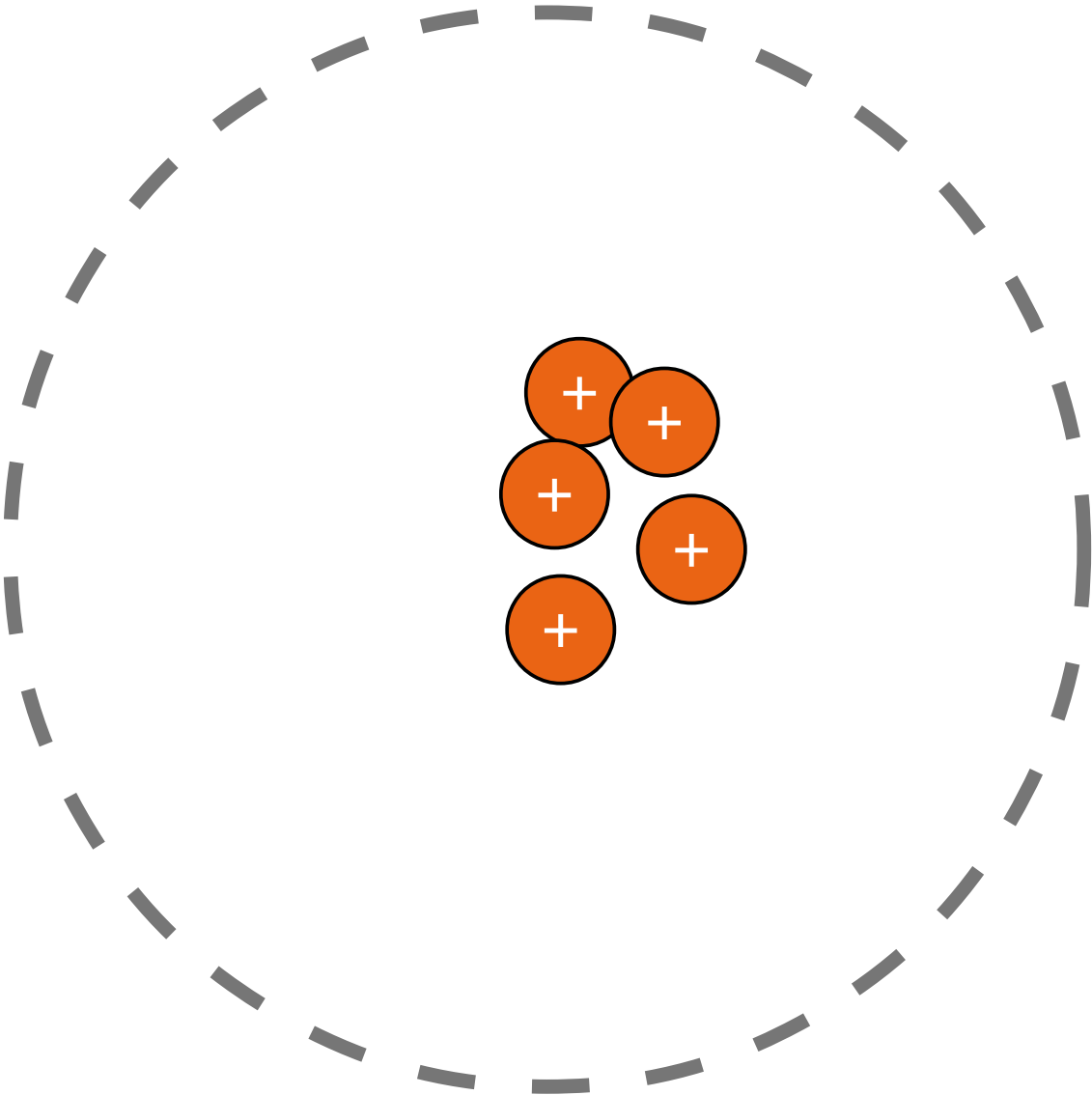
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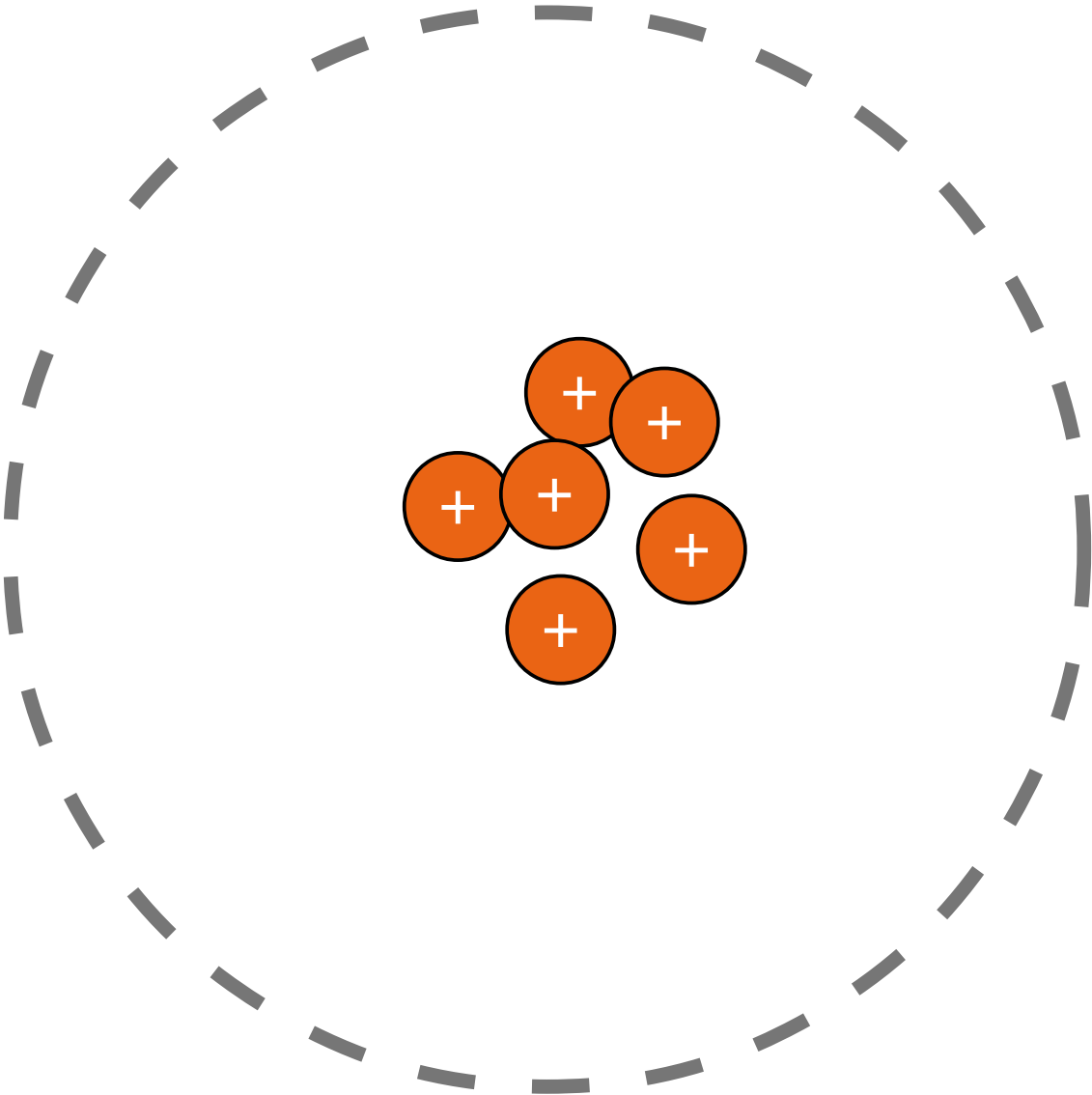
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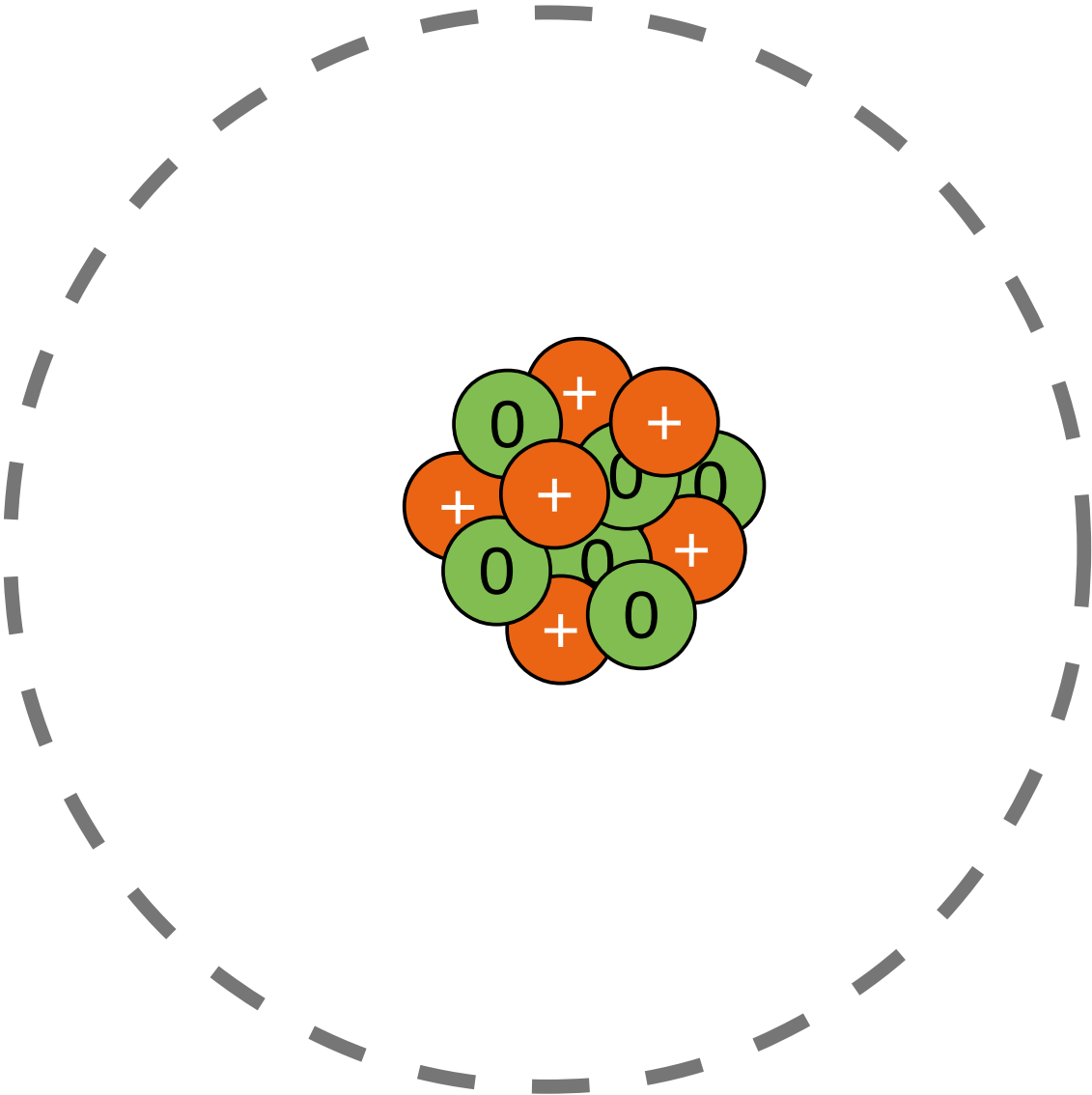
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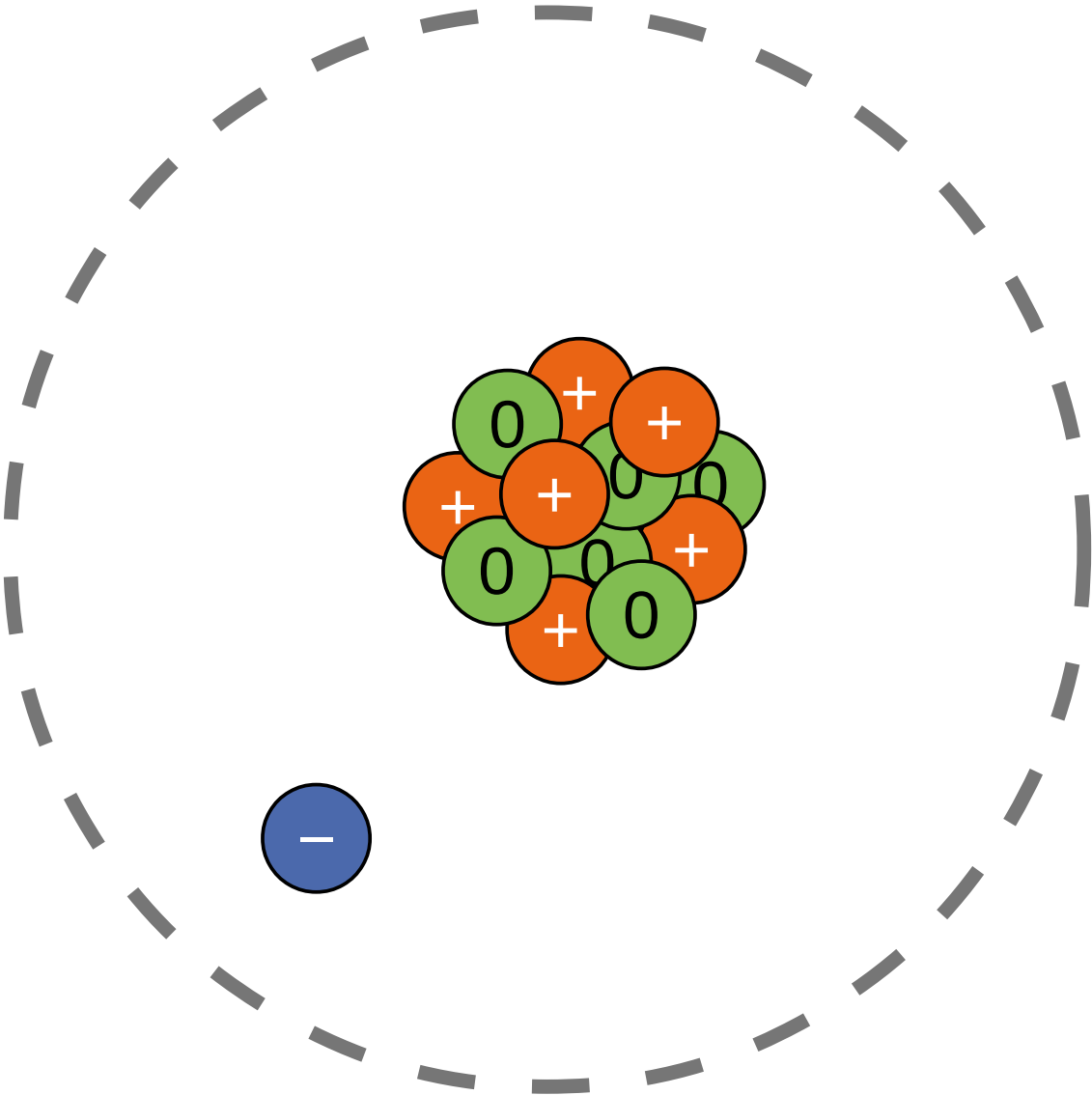
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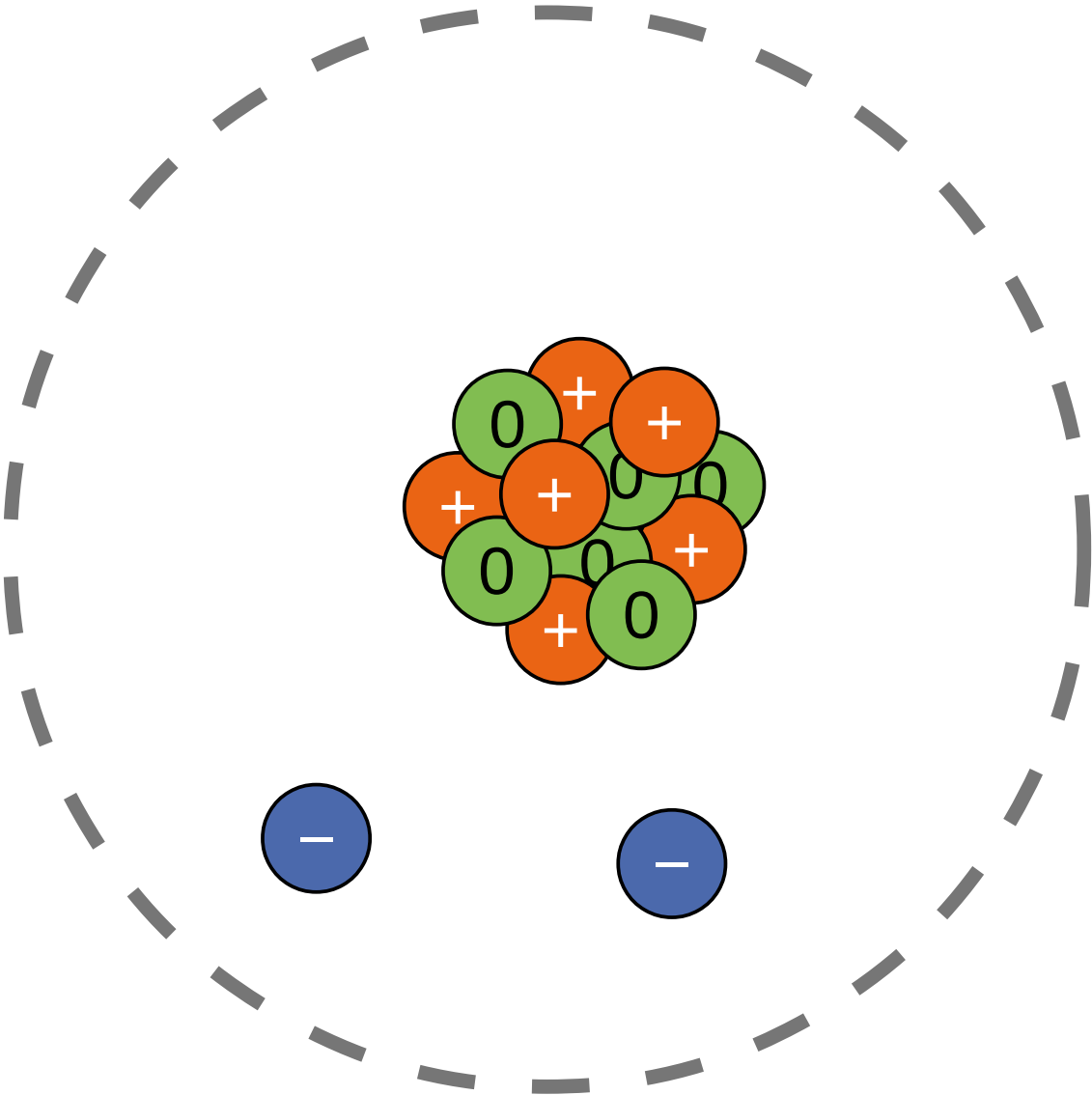
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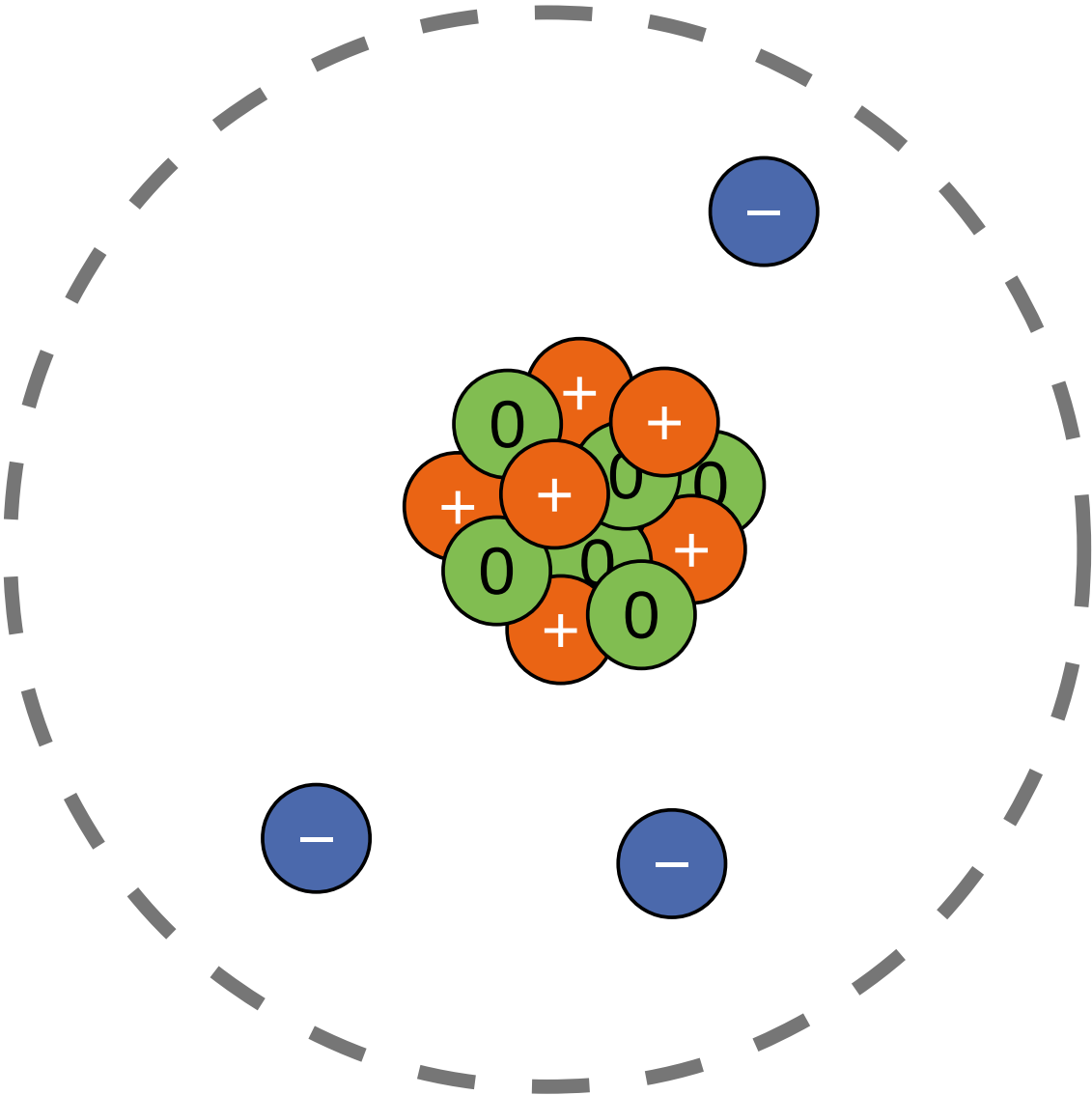
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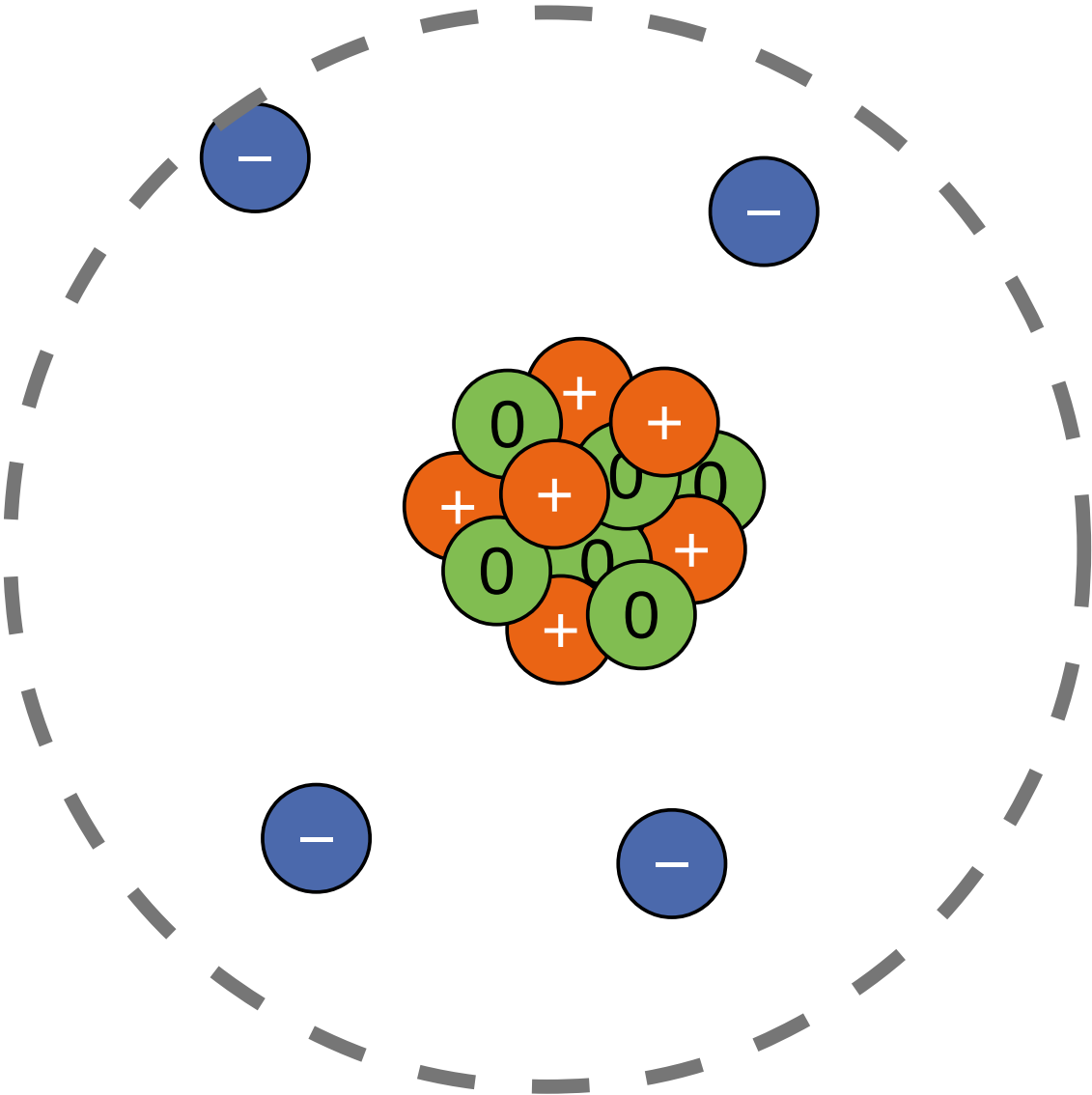
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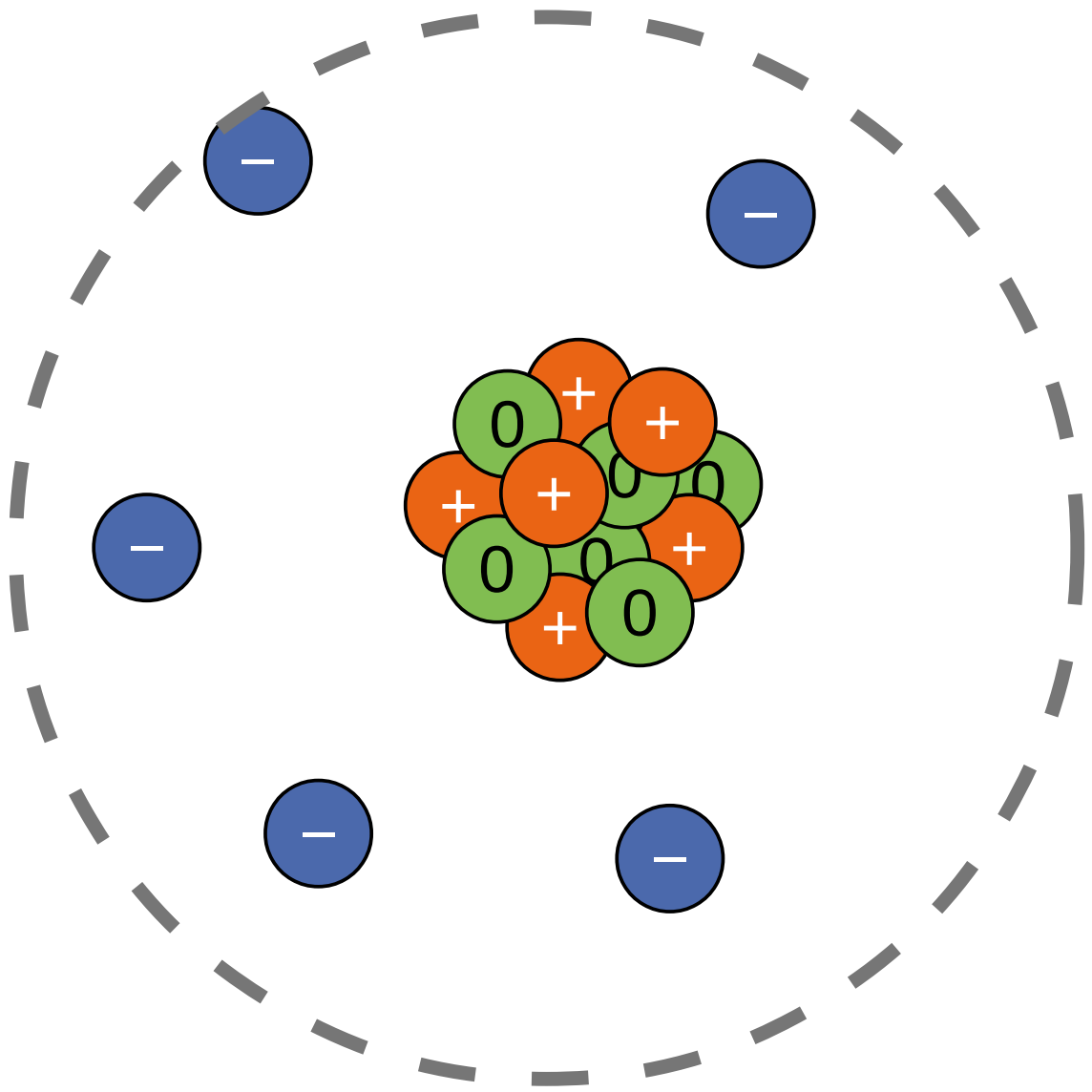
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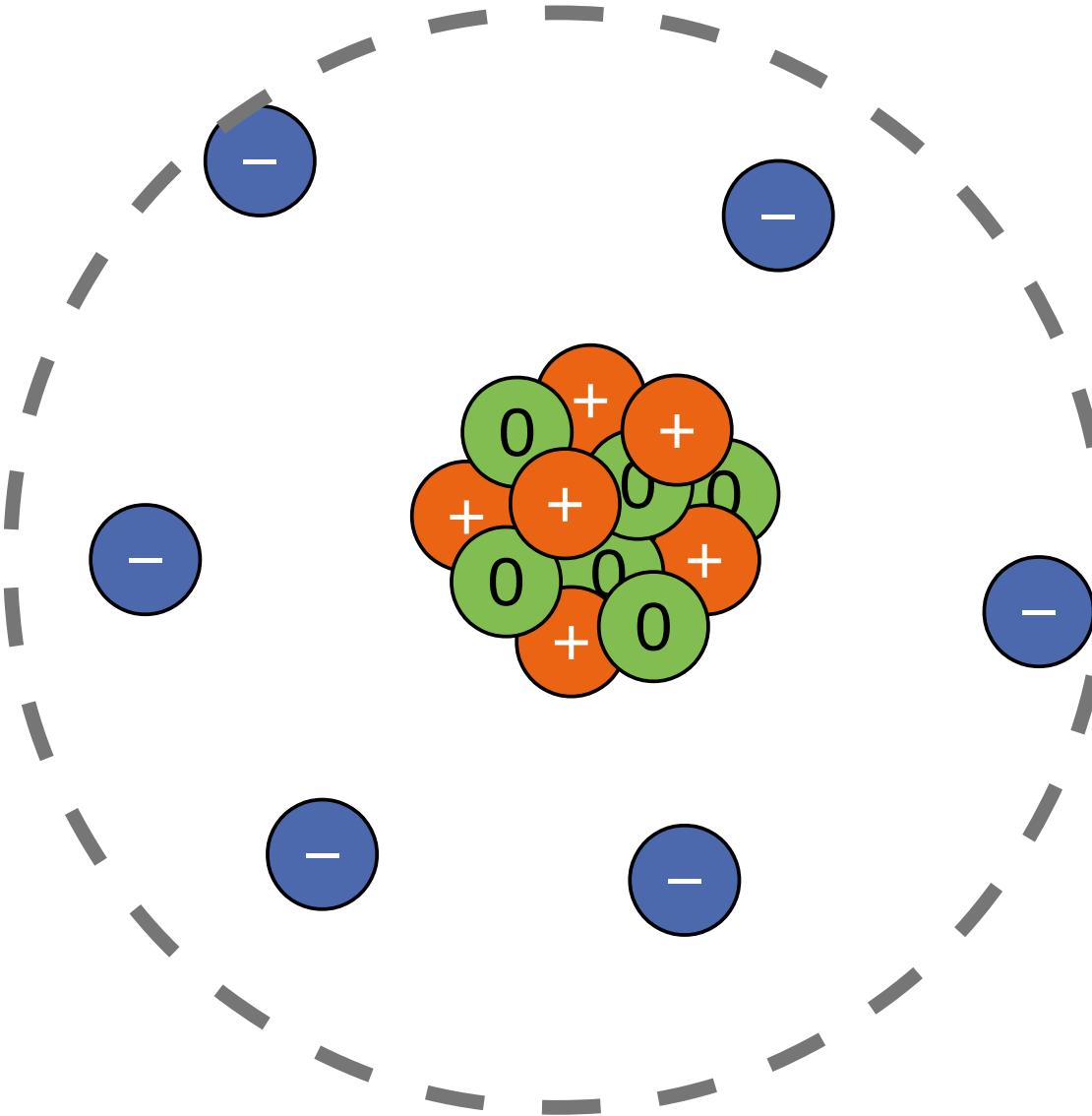
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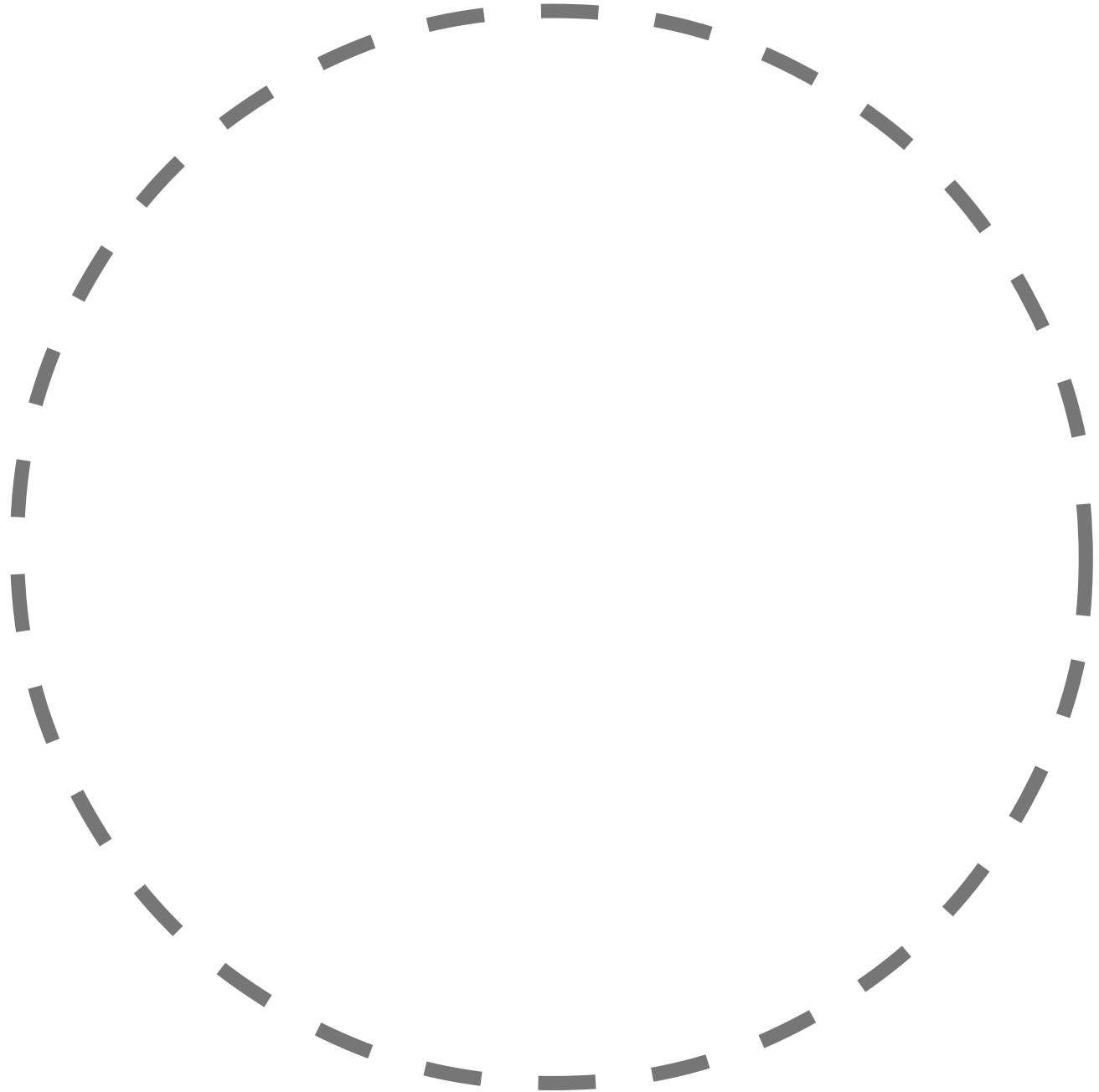
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18,998403 9

F
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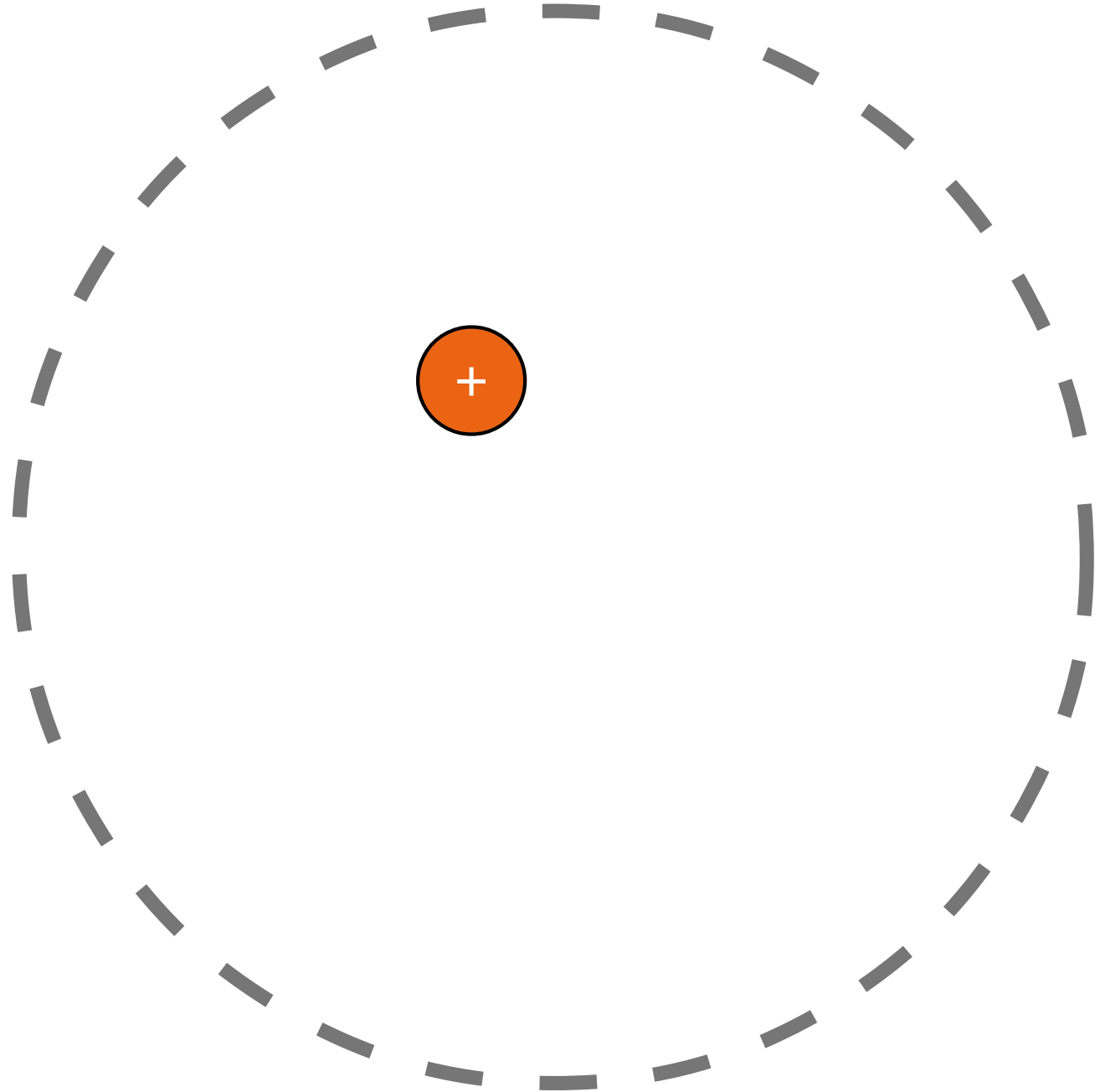
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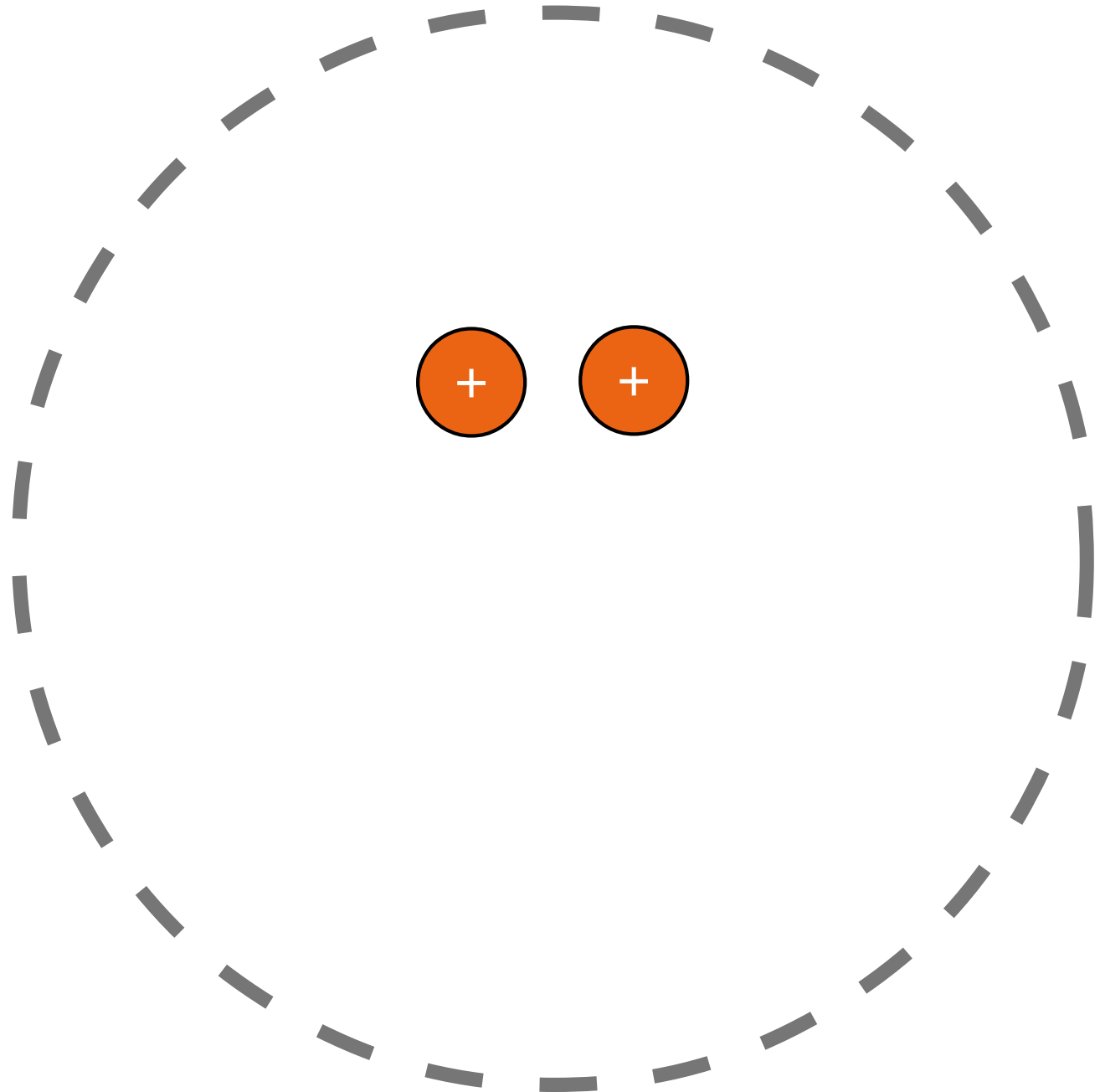
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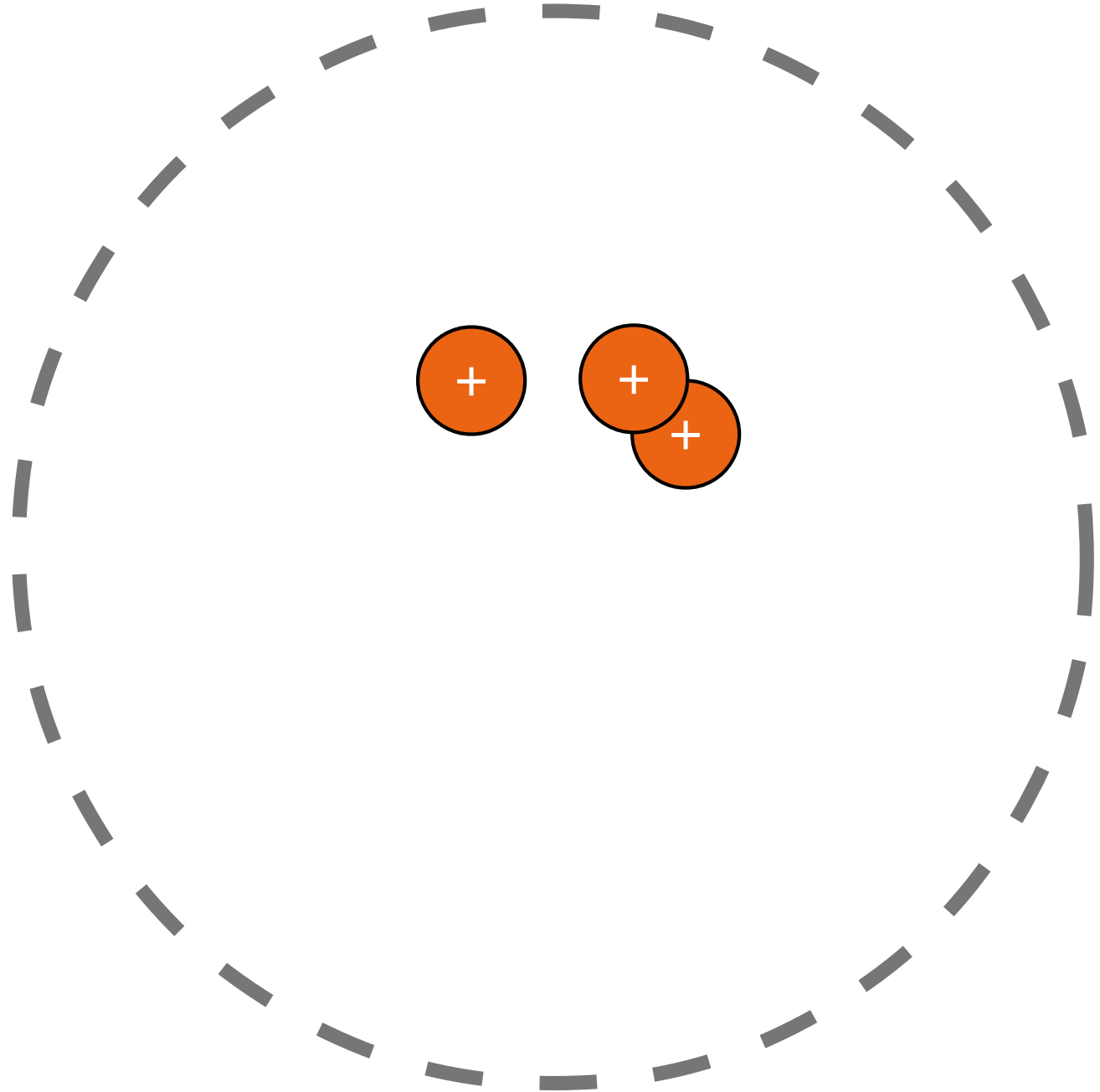
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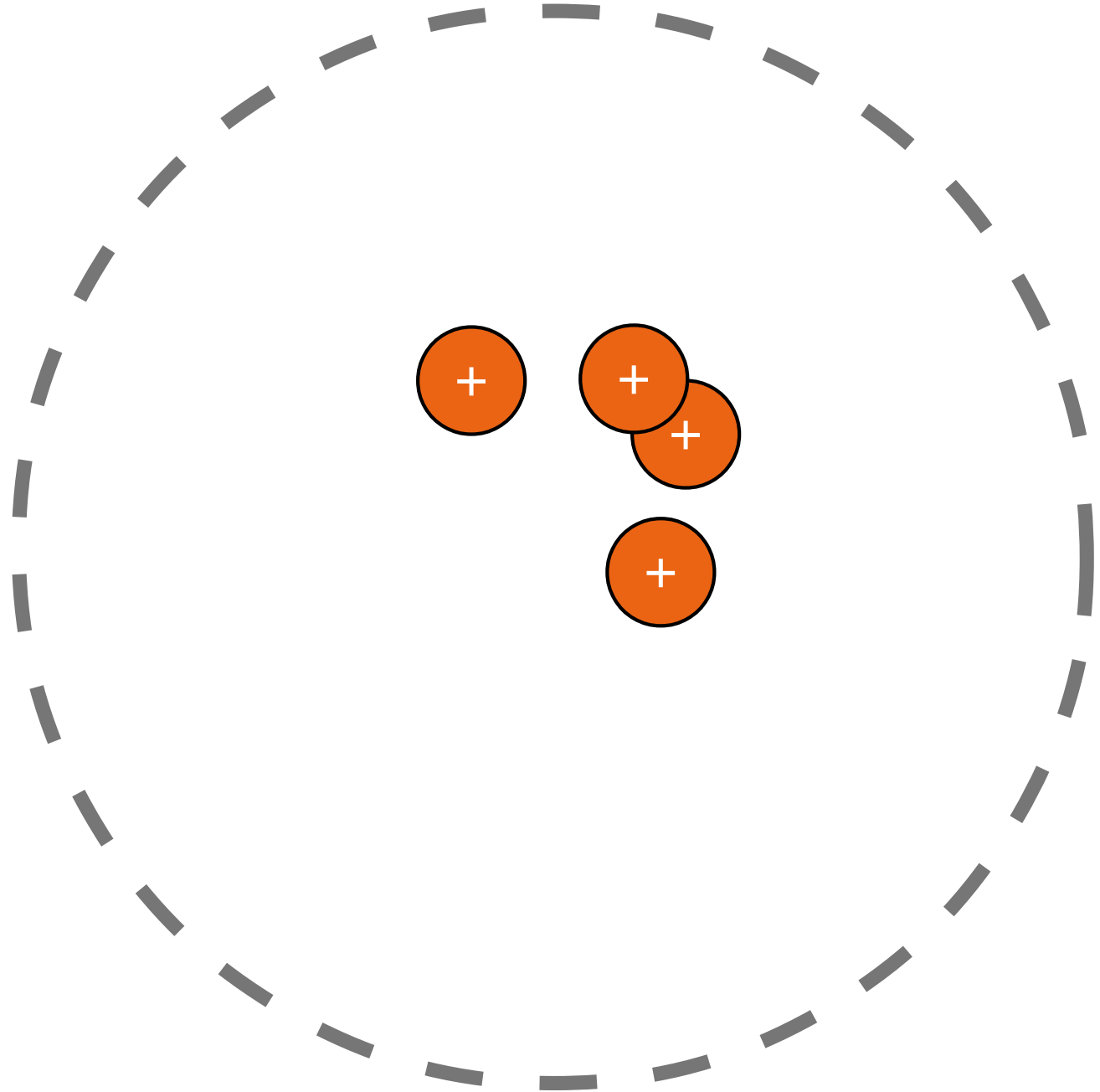
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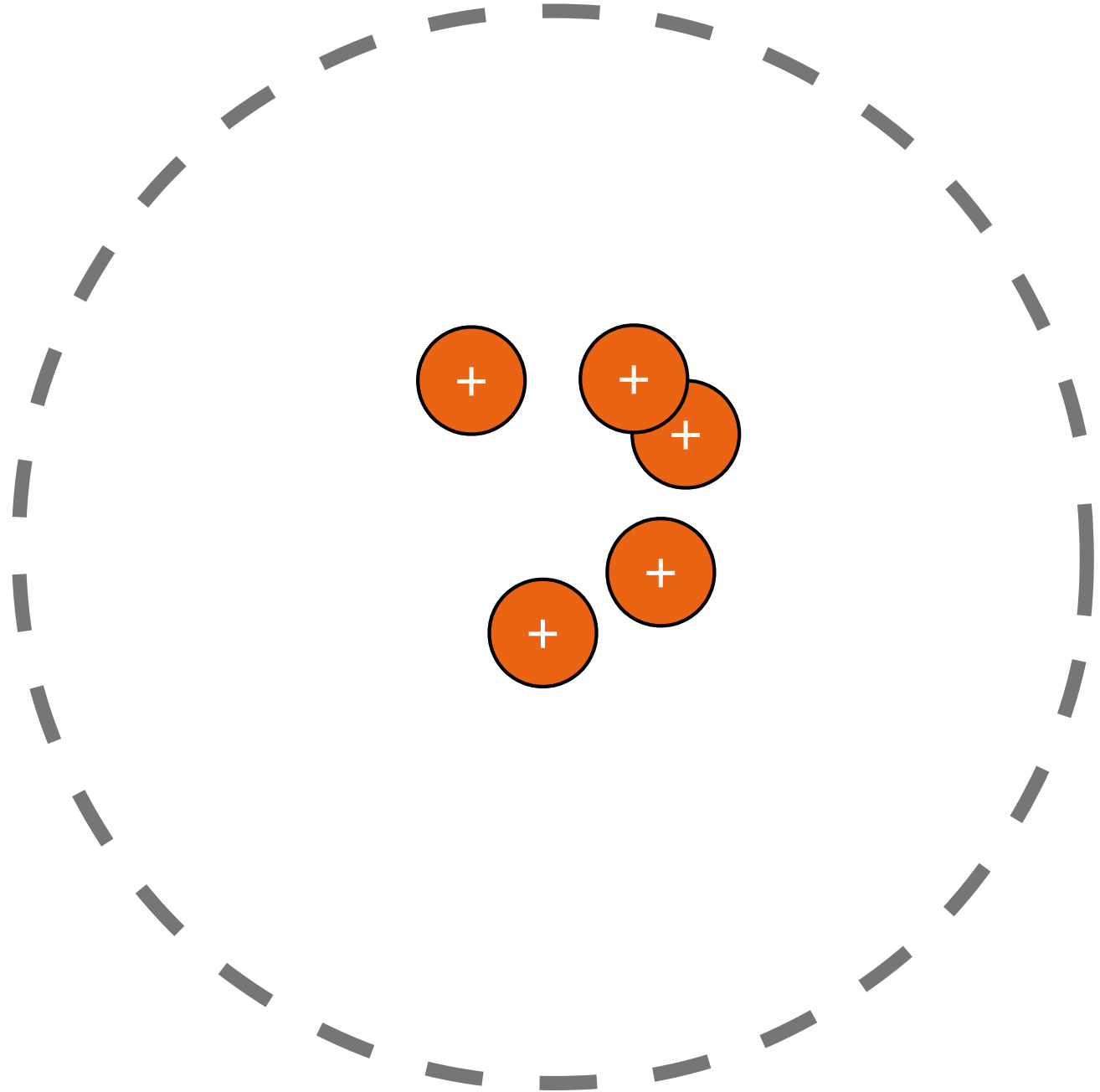
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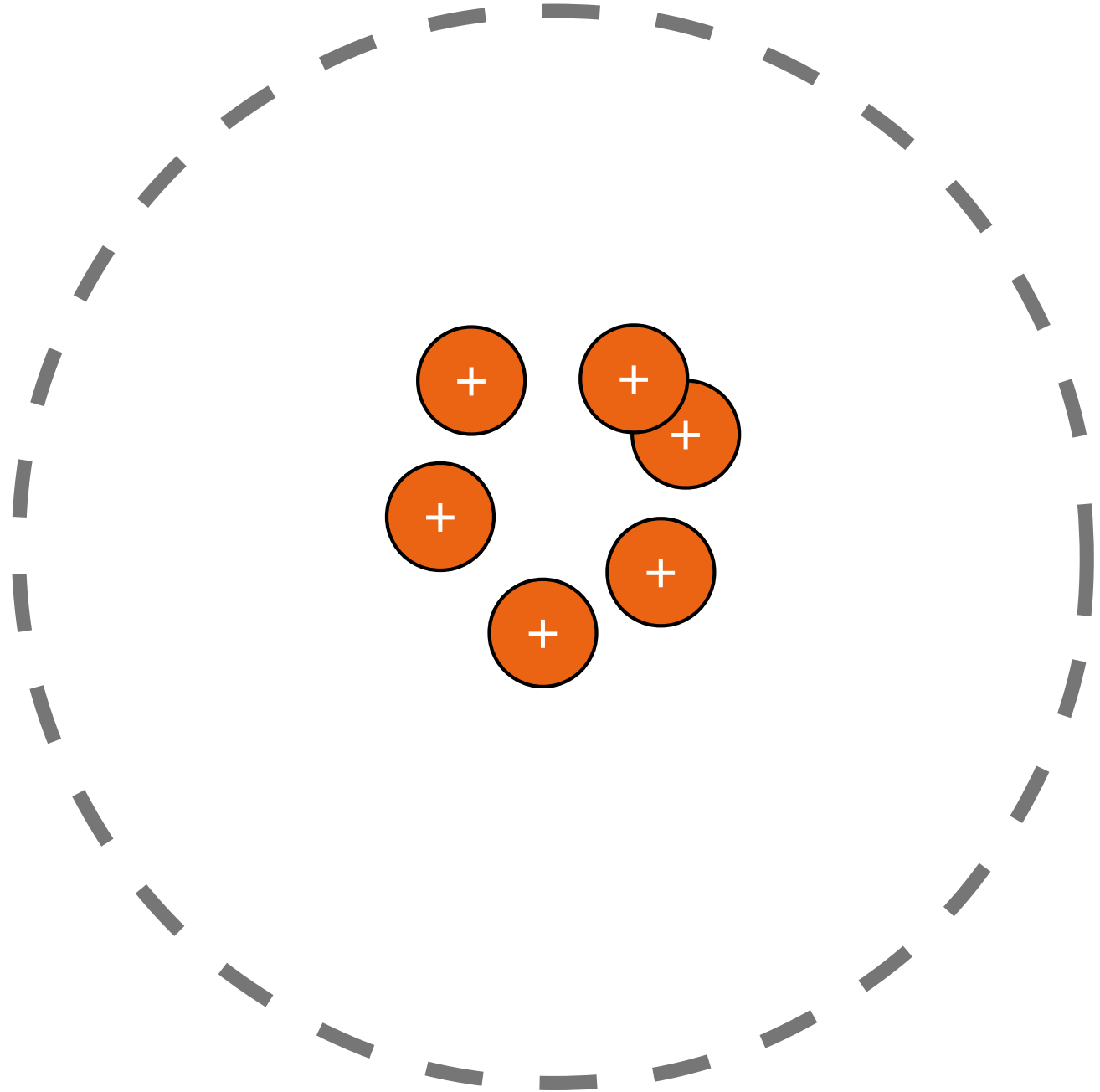
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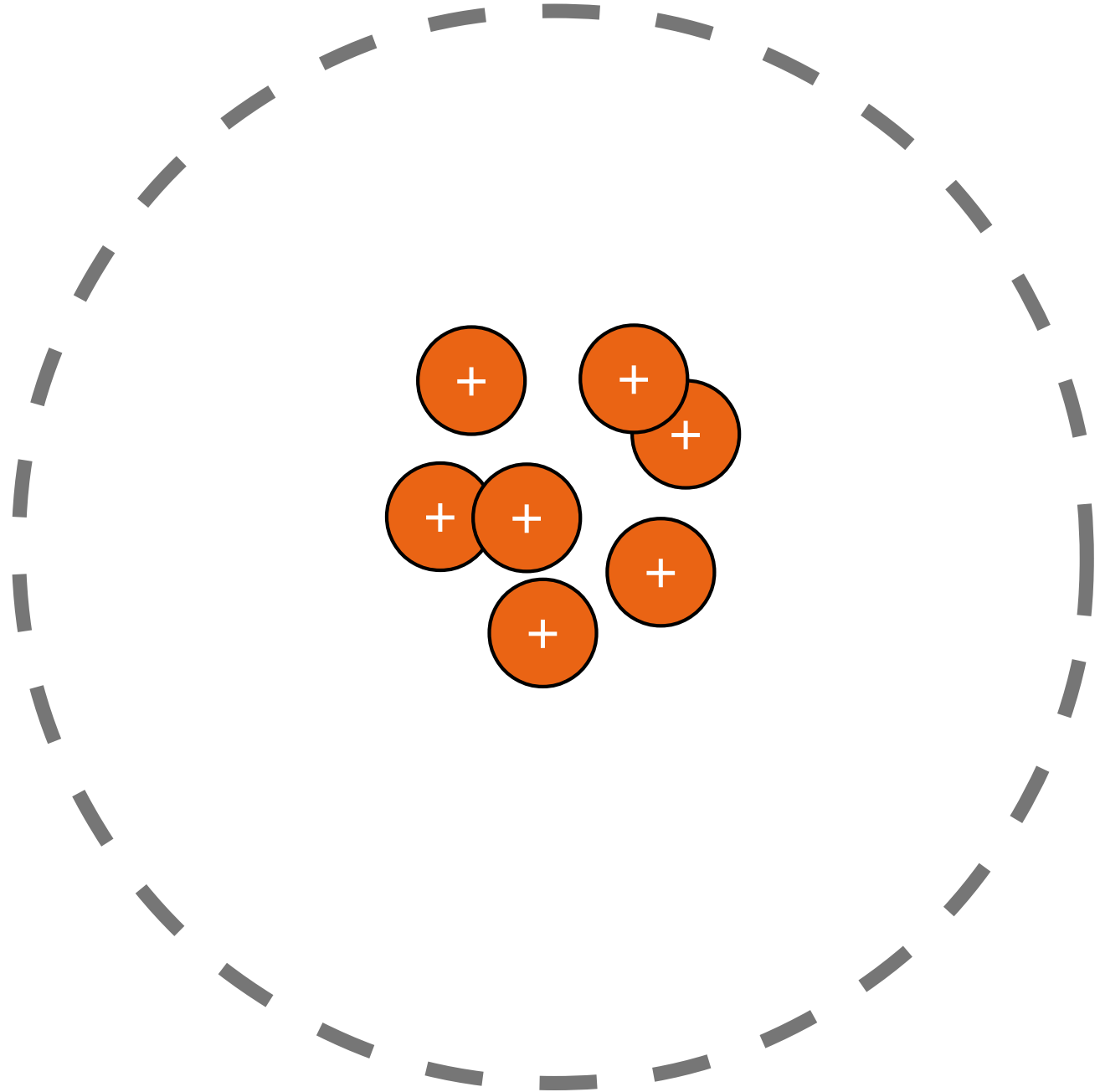
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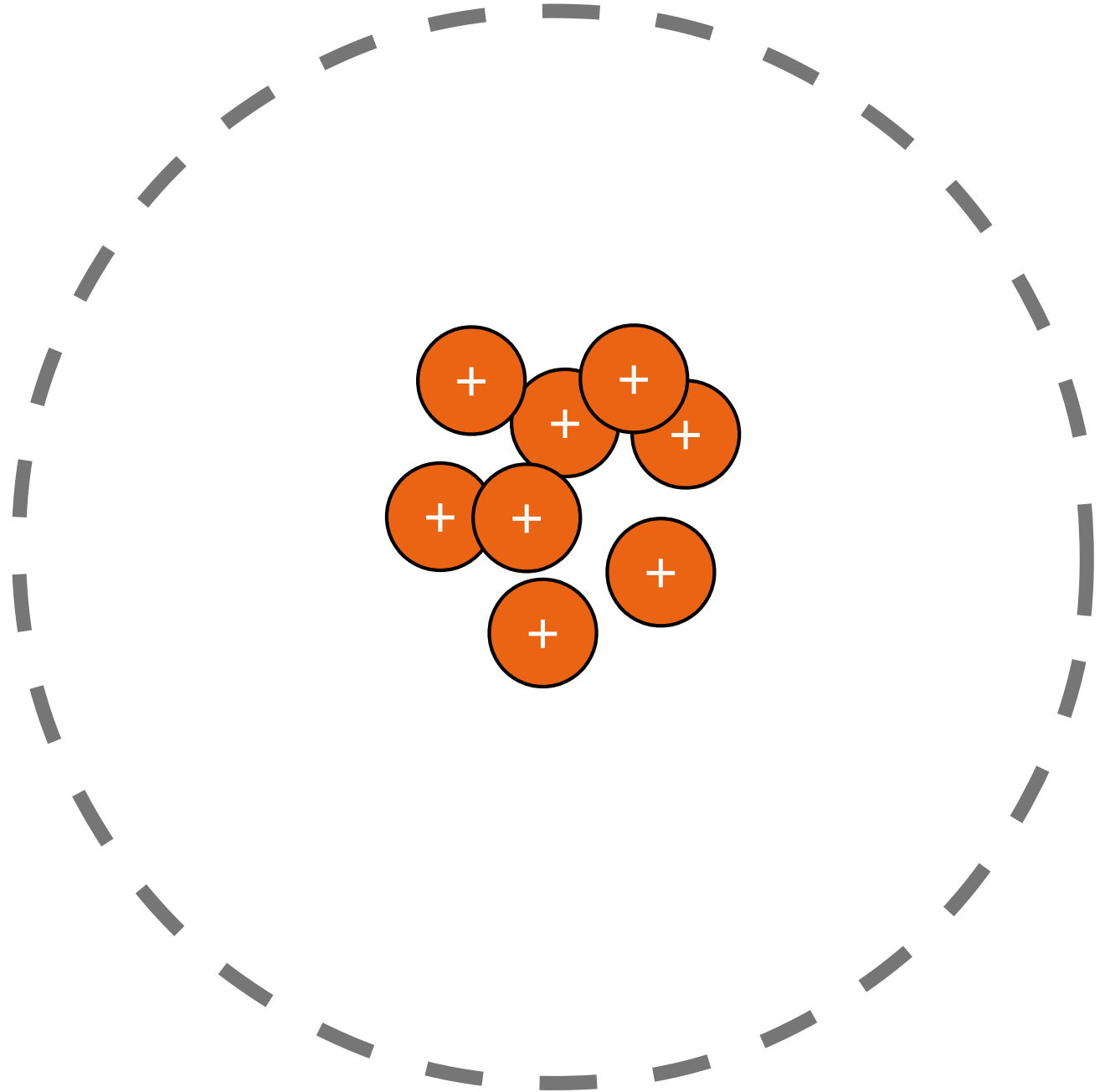
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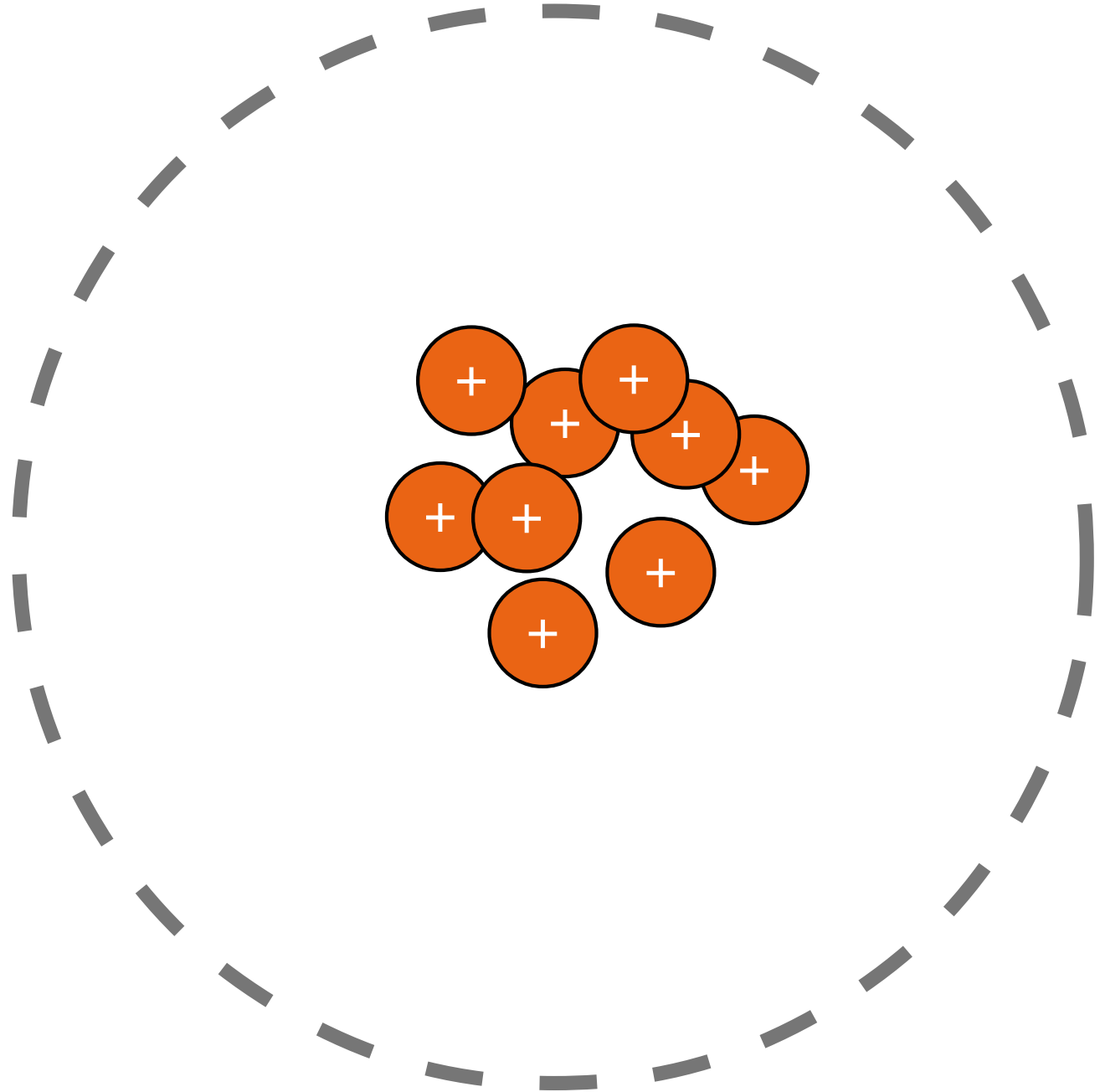
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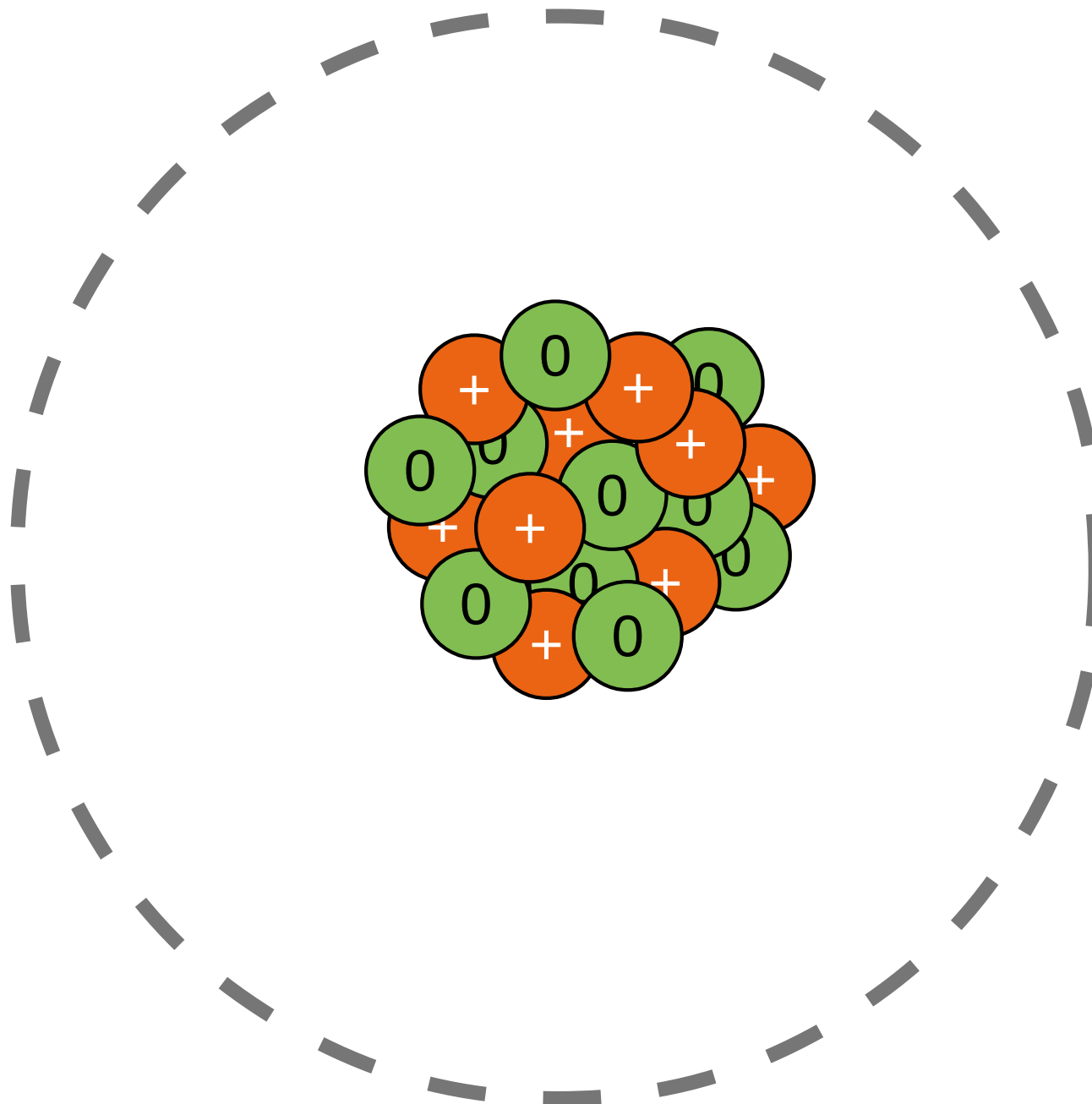
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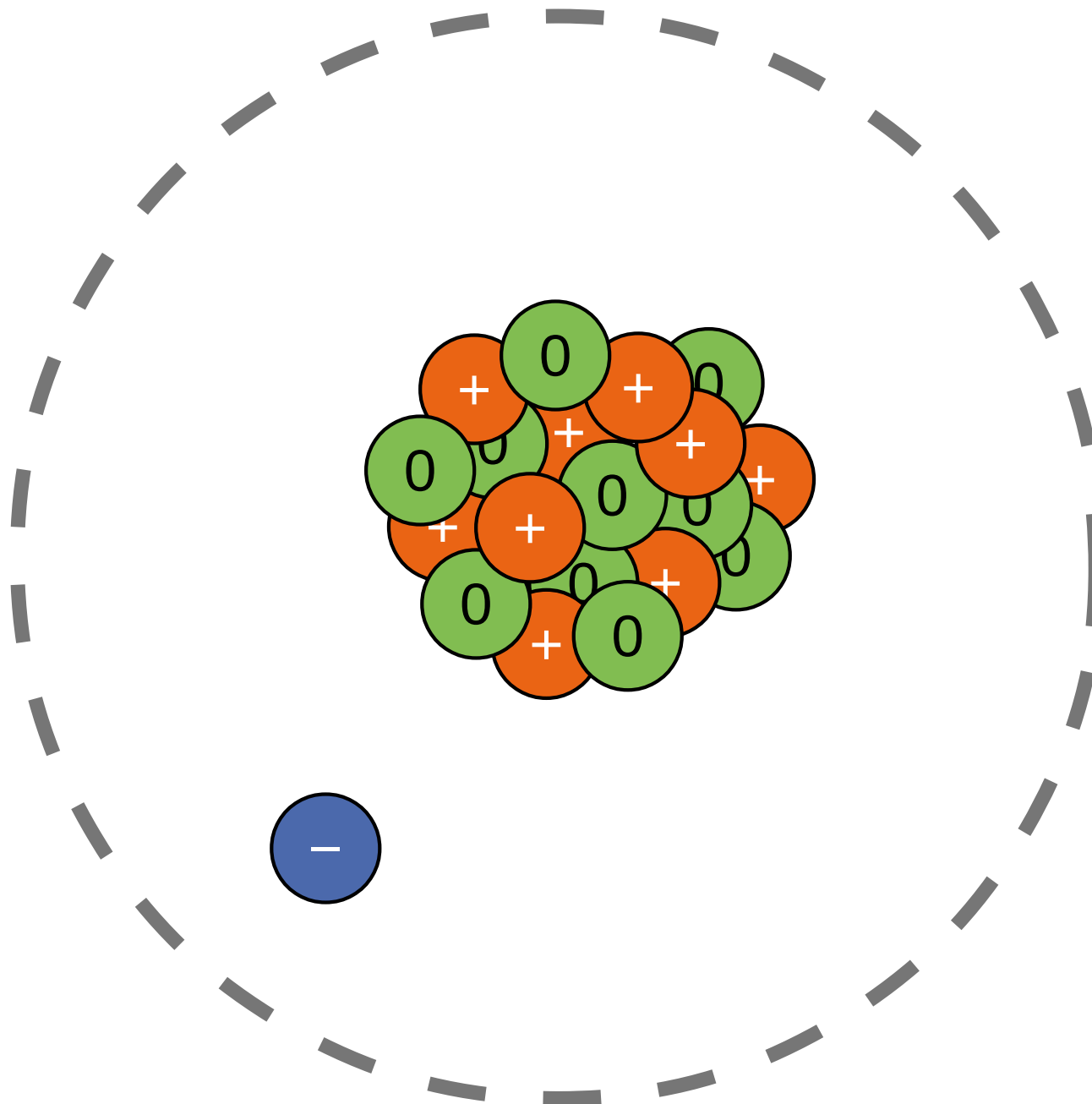
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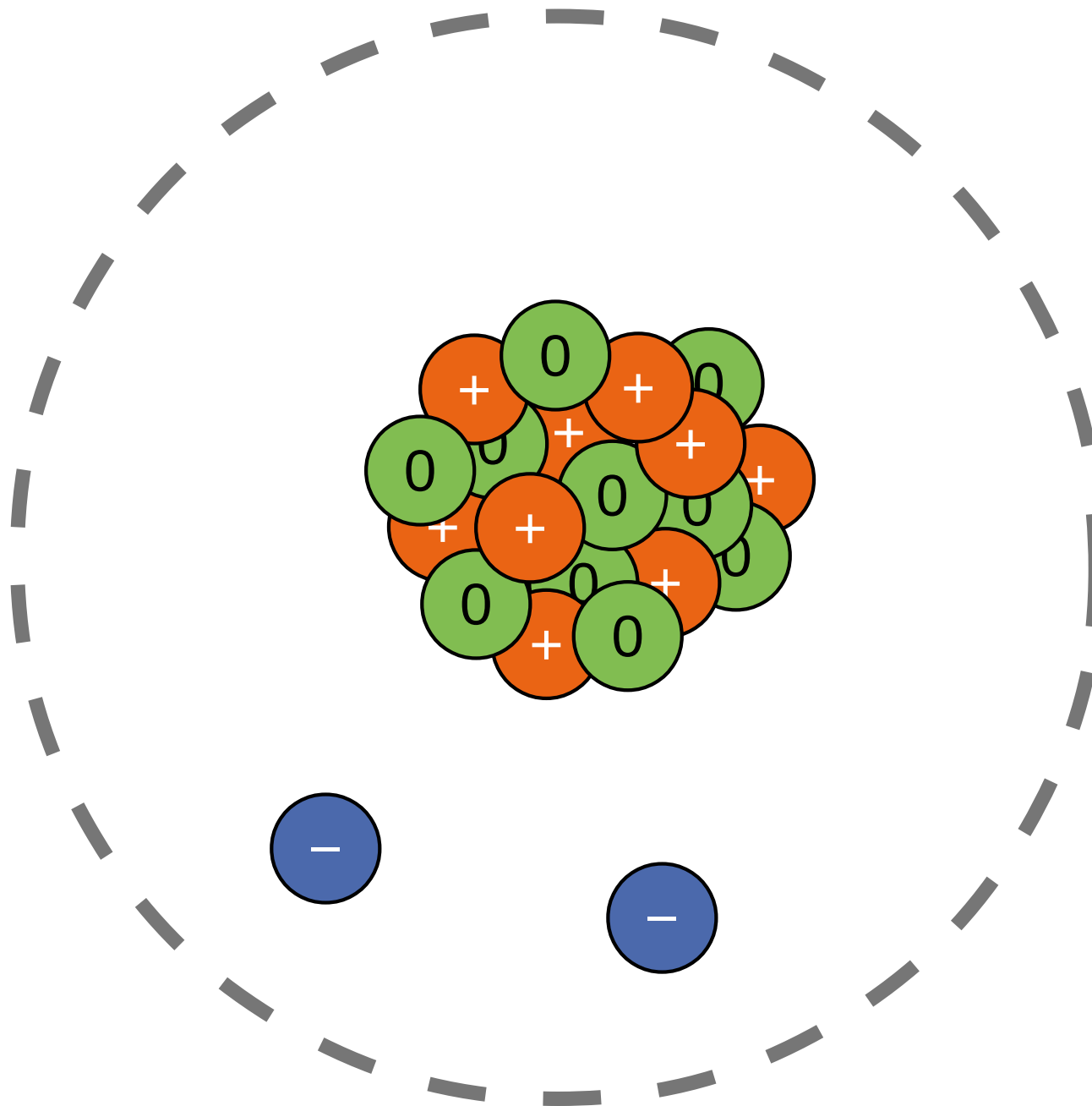
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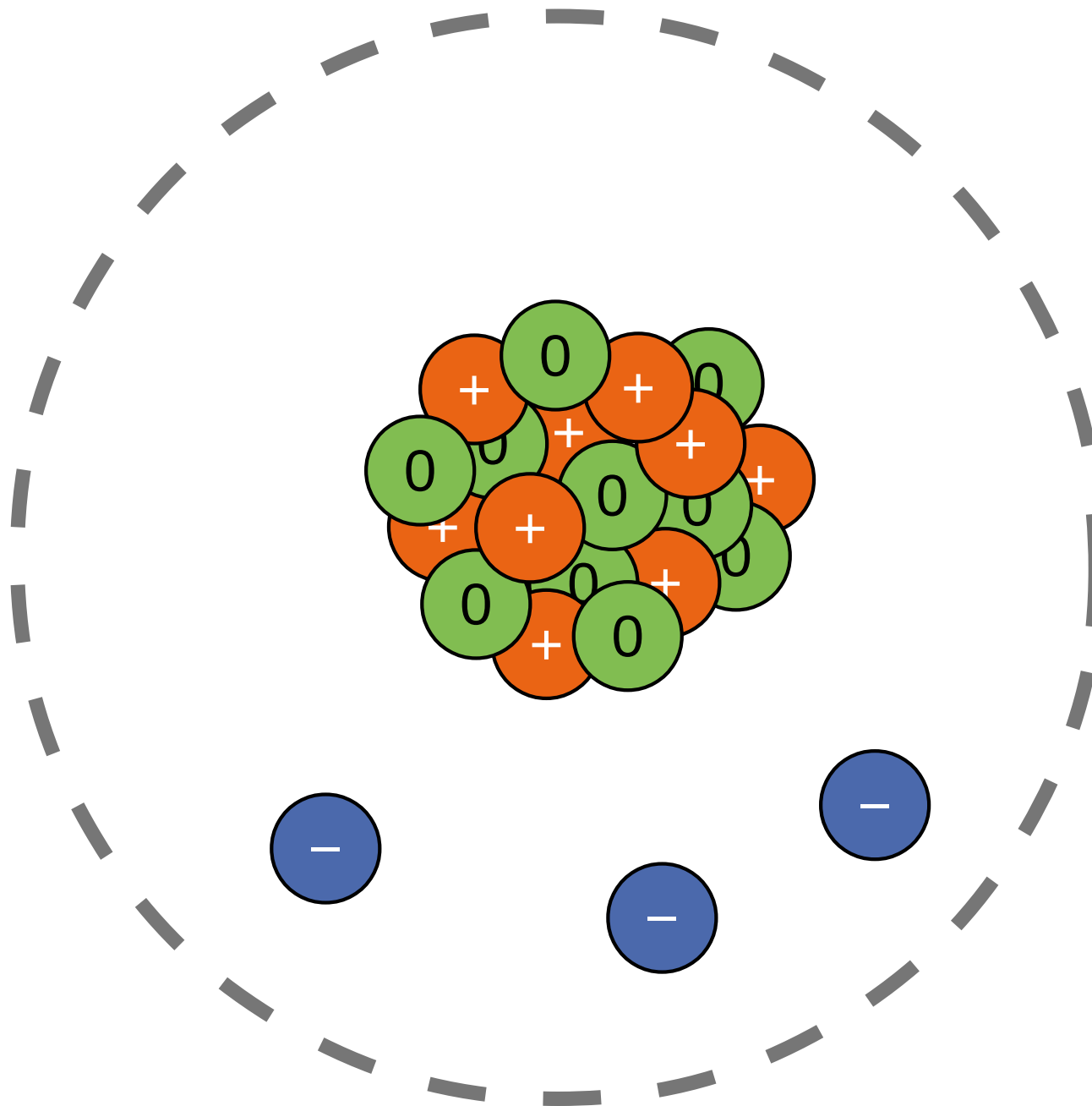
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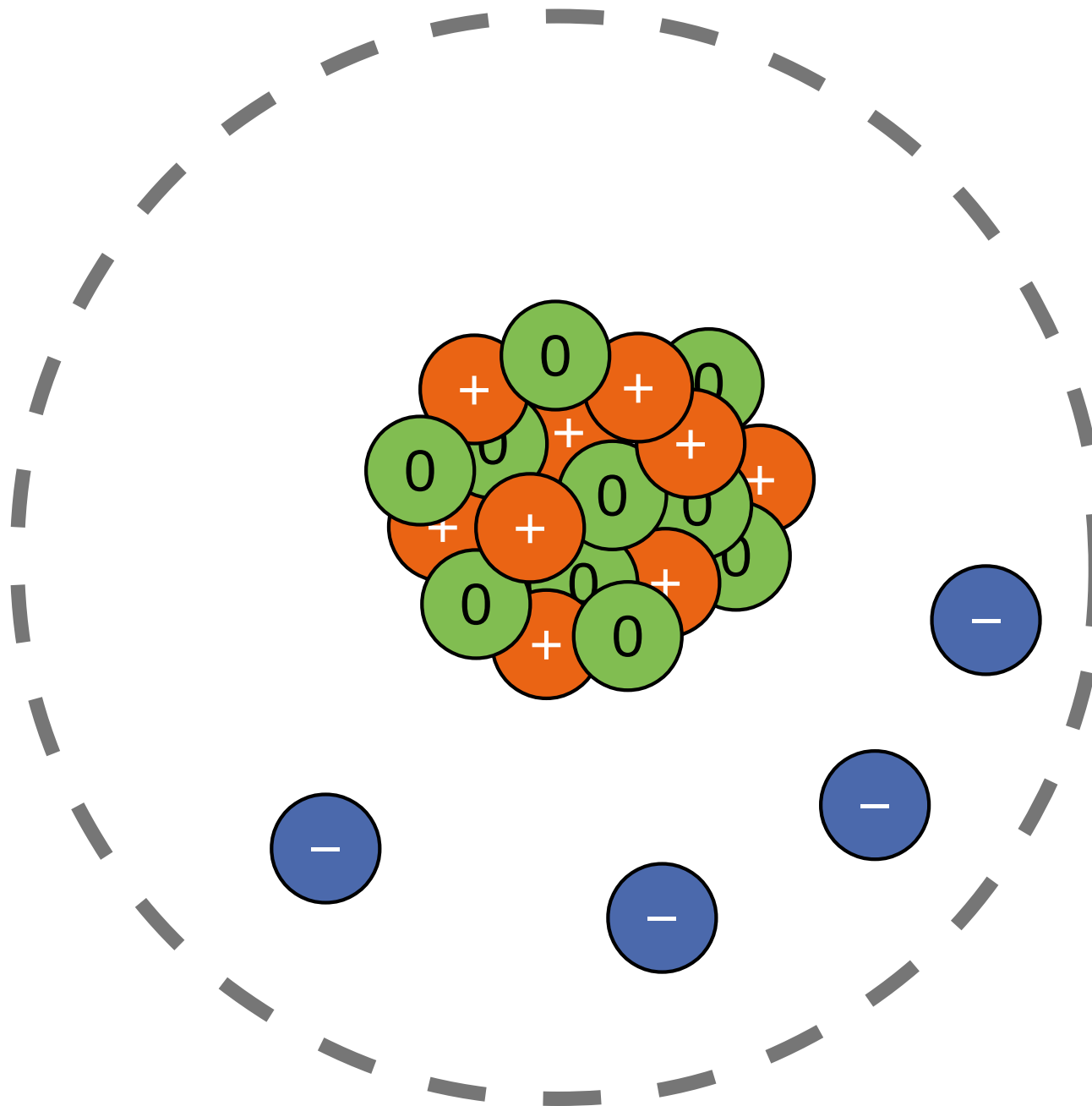
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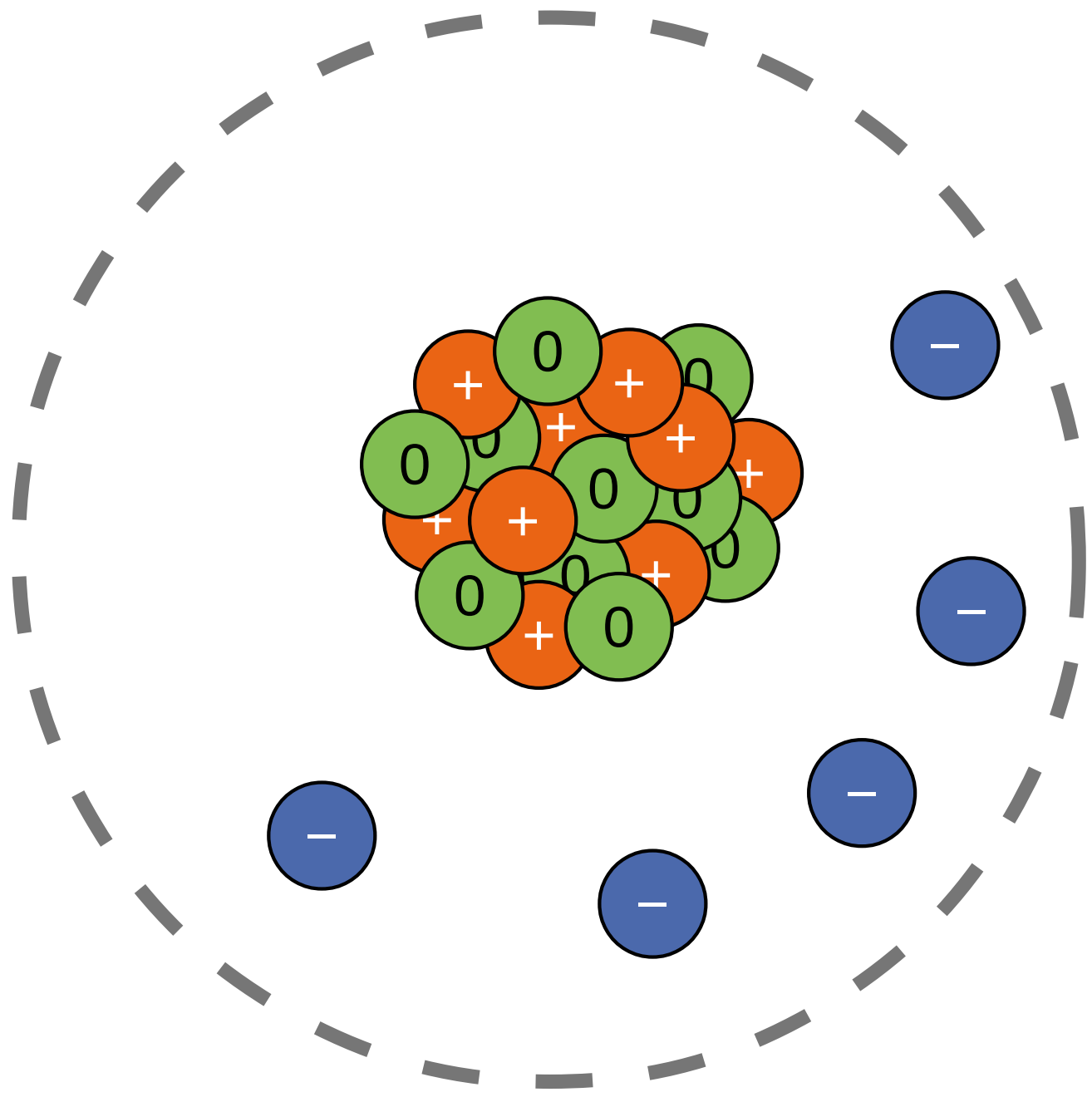
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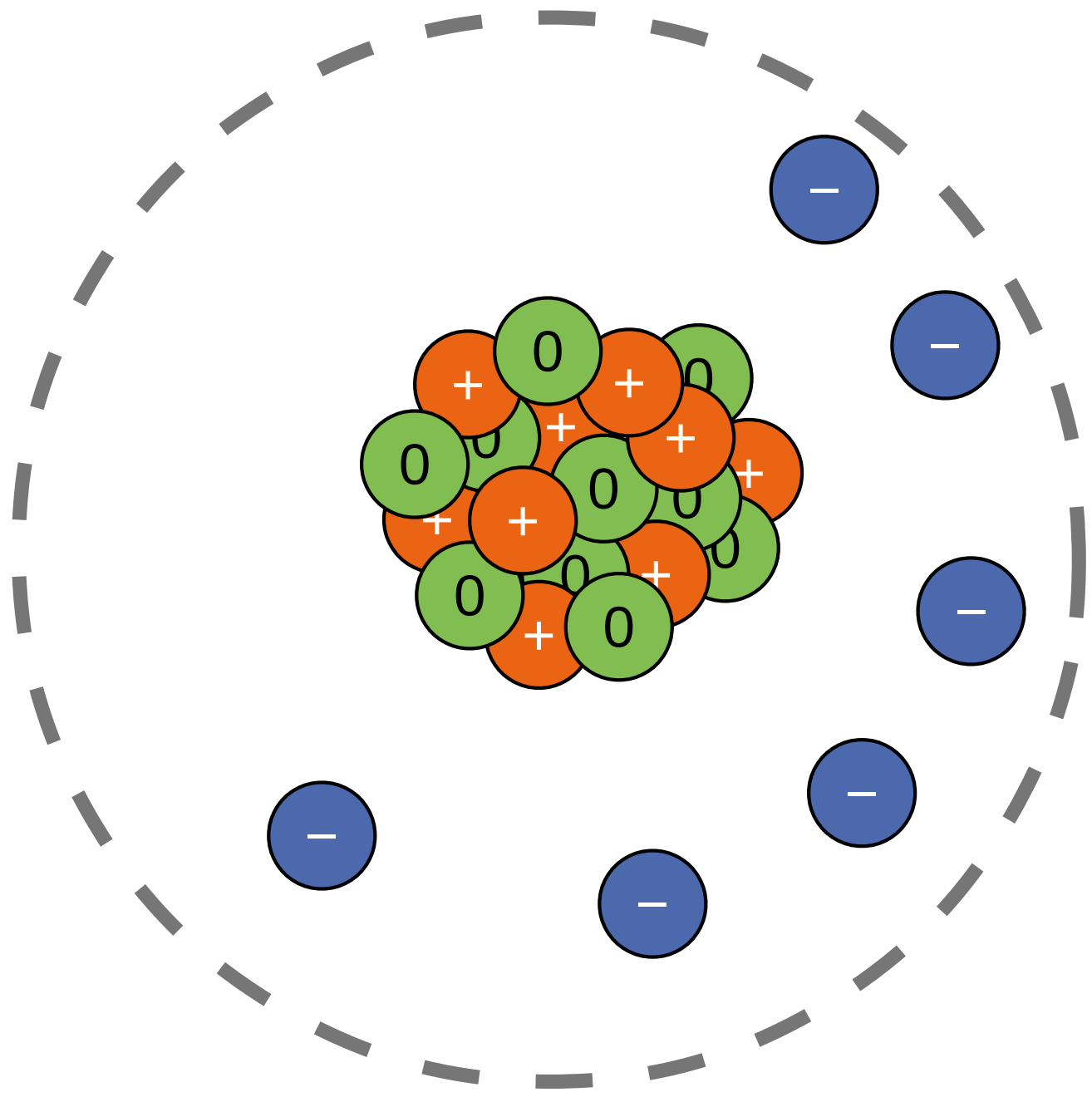
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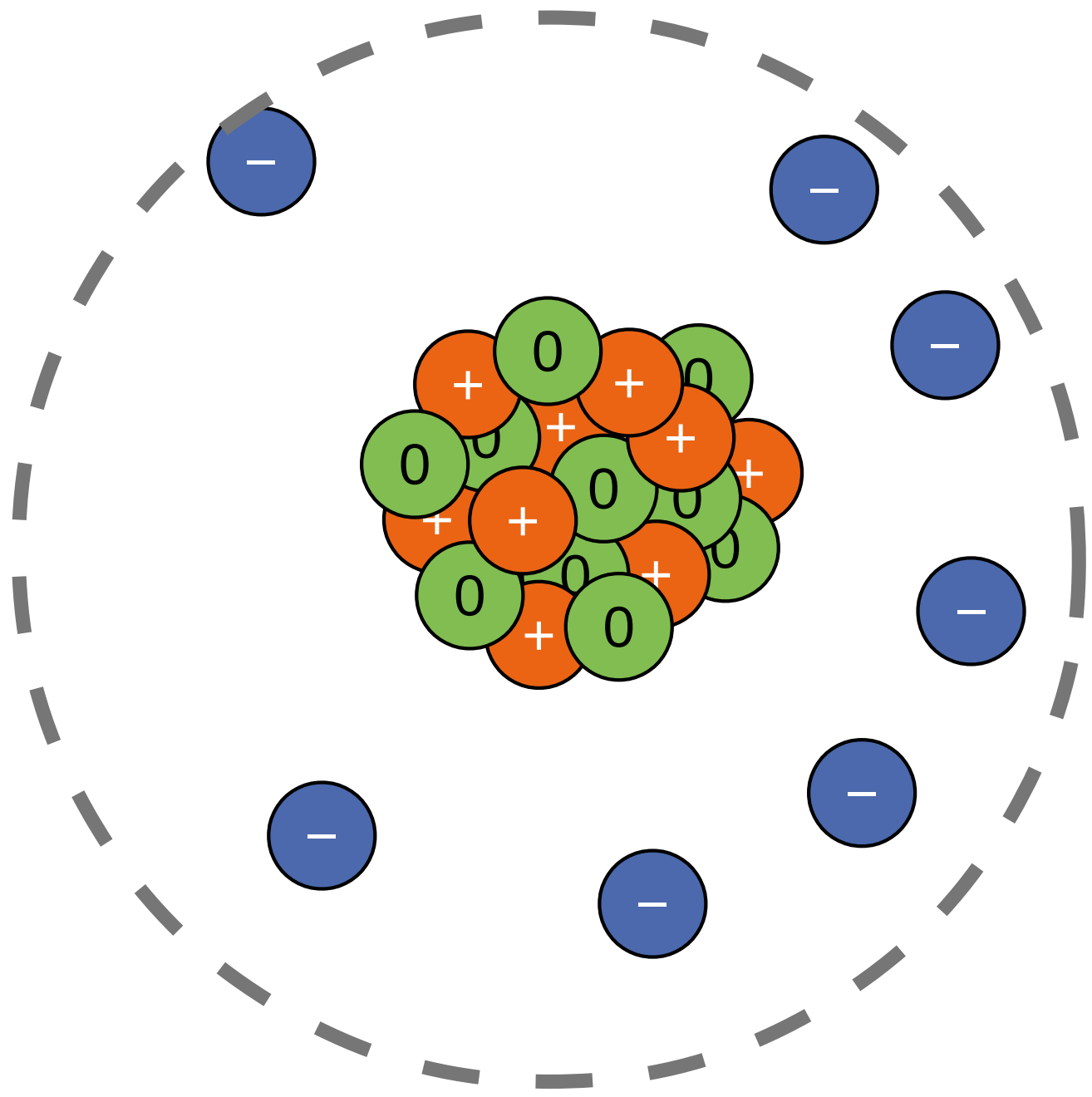
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18,998403 9

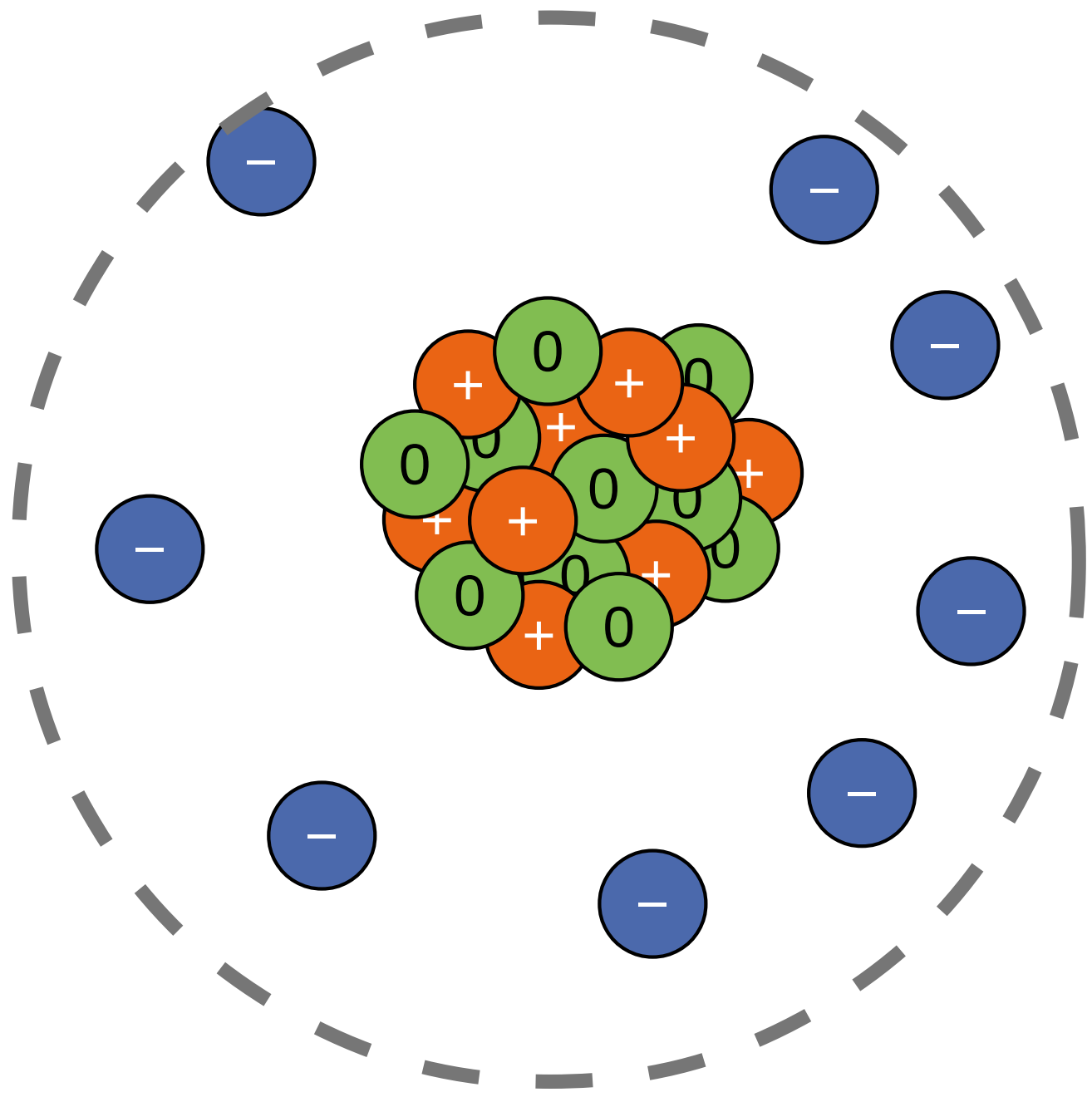
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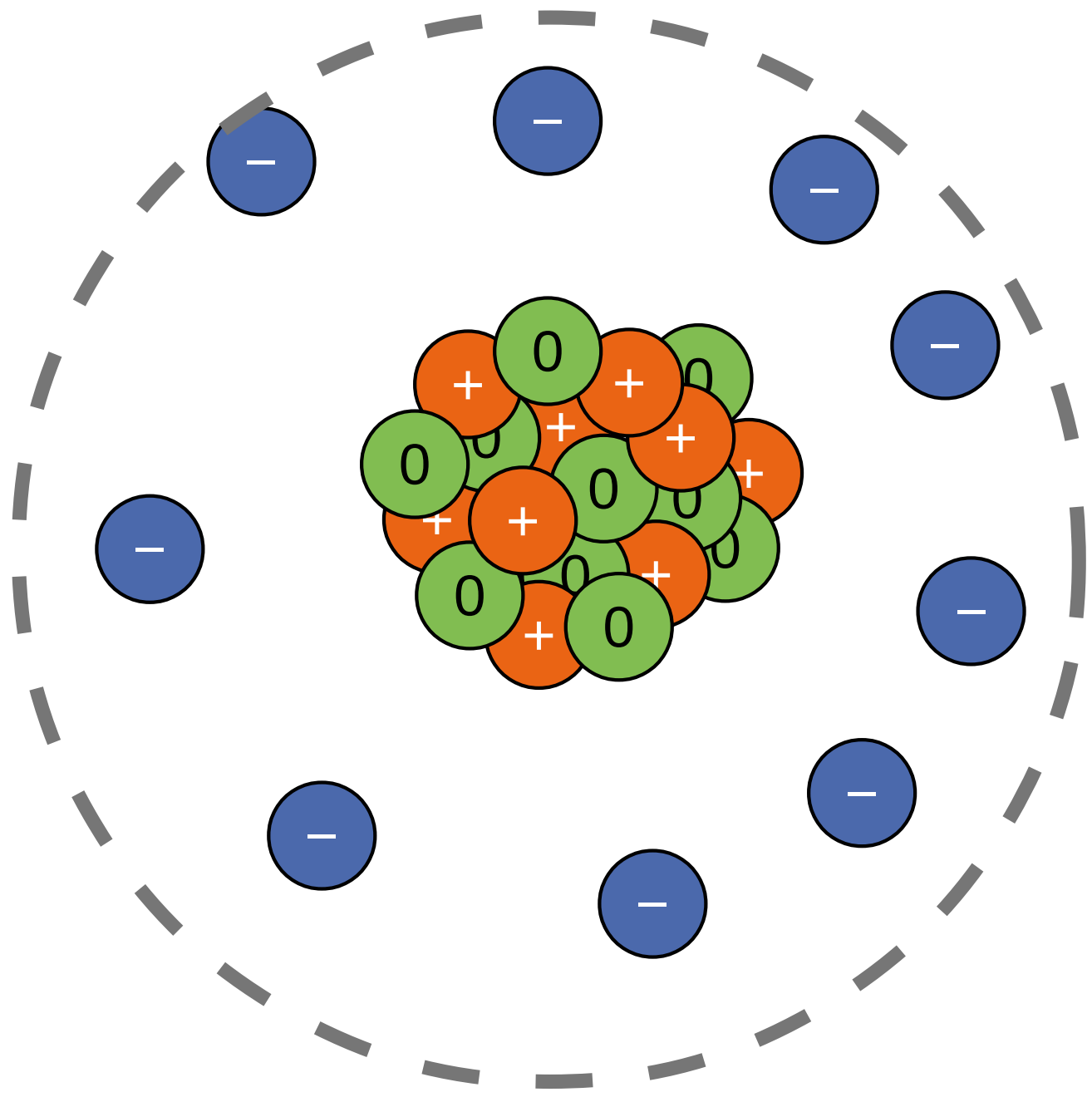
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L'atome de Fluor



18,998403 9
F
fluor

L'atome de Fluor



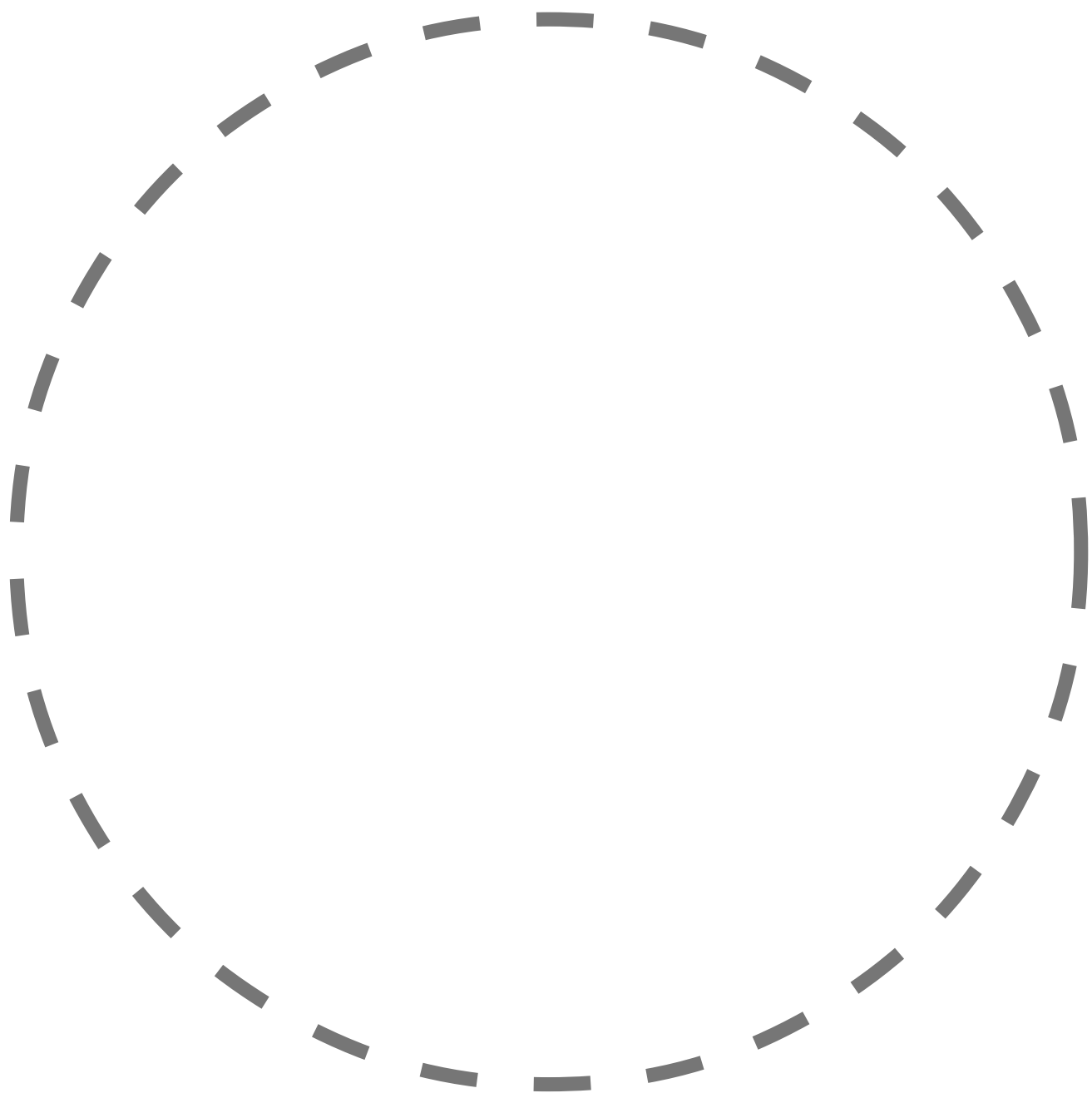
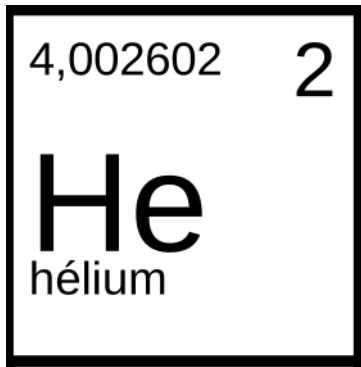
Classification périodique simplifiée

1,00794 1 H hydrogène								4,002602 2 He hélium
6,941 3 Li lithium	9,012182 4 Be beryllium	10,811 5 B bore	12,0107 6 C carbone	14,0067 7 N azote	15,9994 8 O oxygène	18,998403 9 F fluor	20,1797 10 Ne néon	
22,98976 11 Na sodium	24,3050 12 Mg magnésium	26,98153 13 Al aluminium	28,0855 14 Si silicium	30,97696 15 P phosphore	32,065 16 S soufre	35,453 17 Cl chlore	39,948 18 Ar argon	

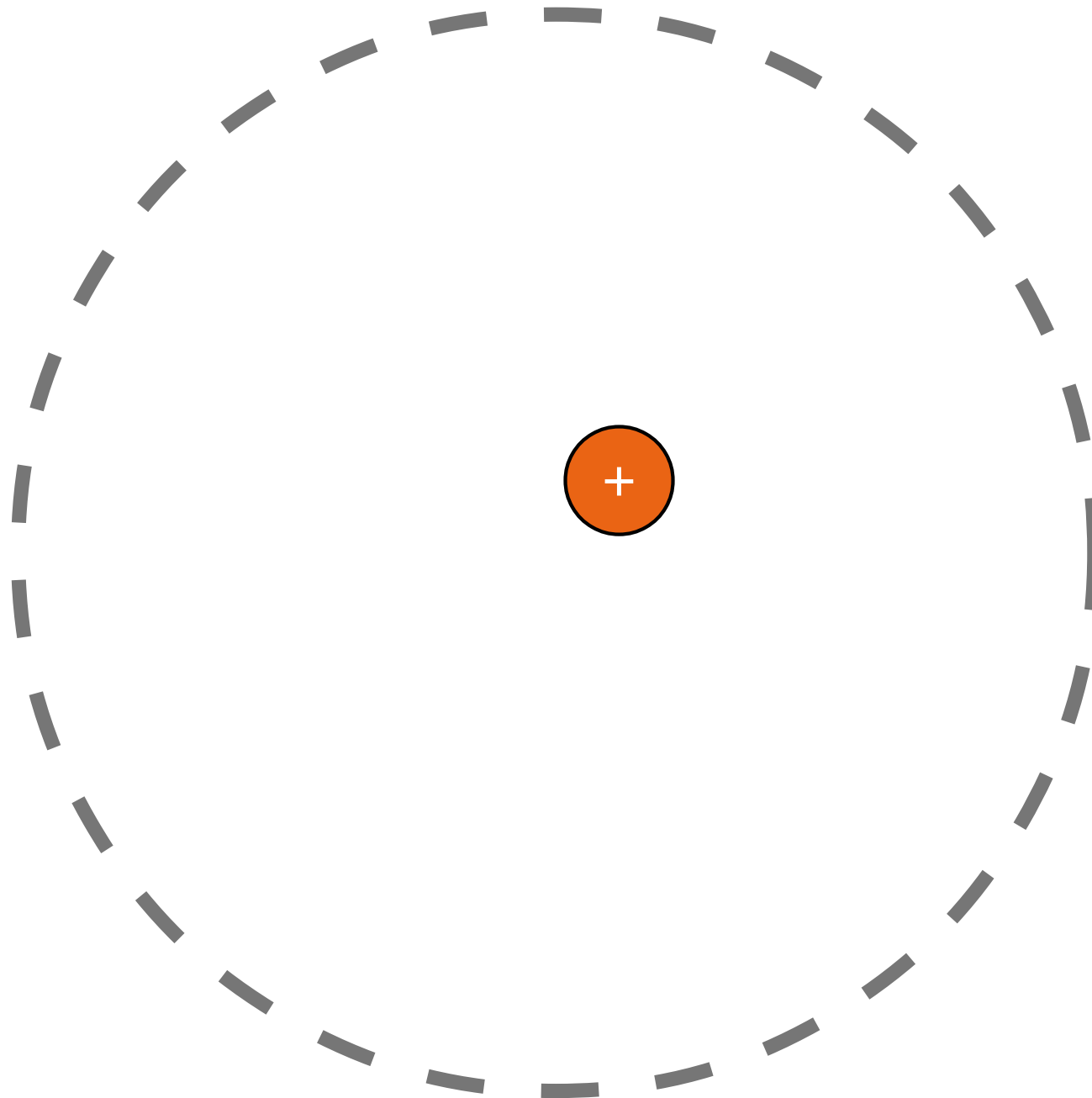
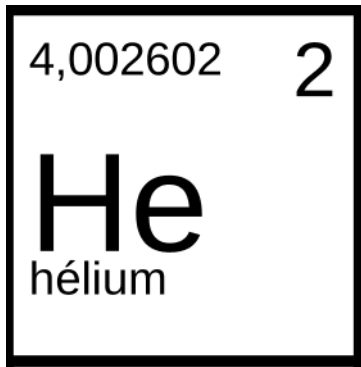
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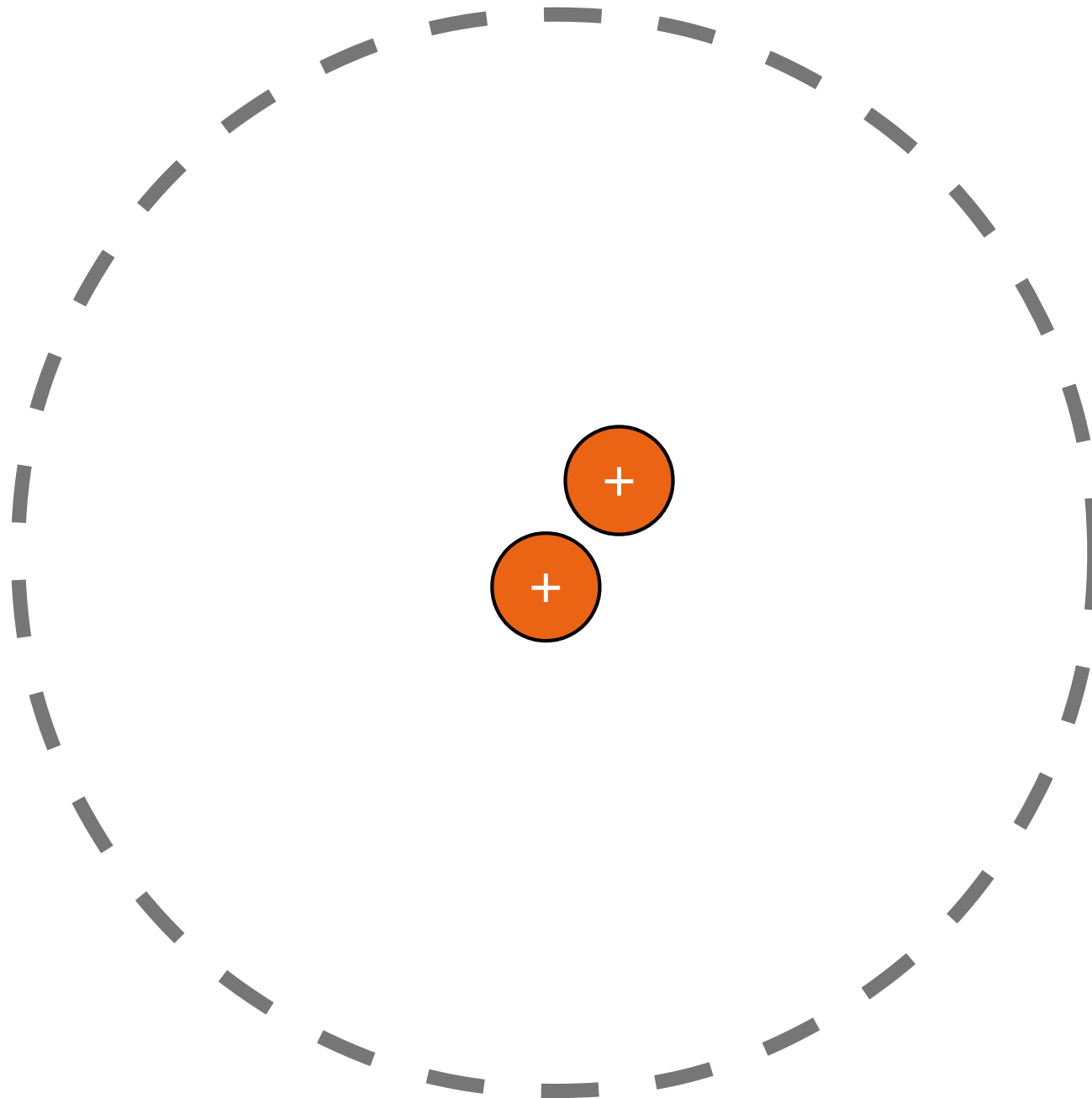
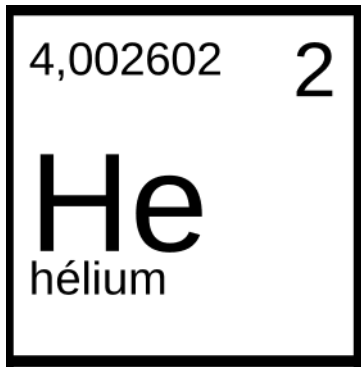
L'atome d'hélium



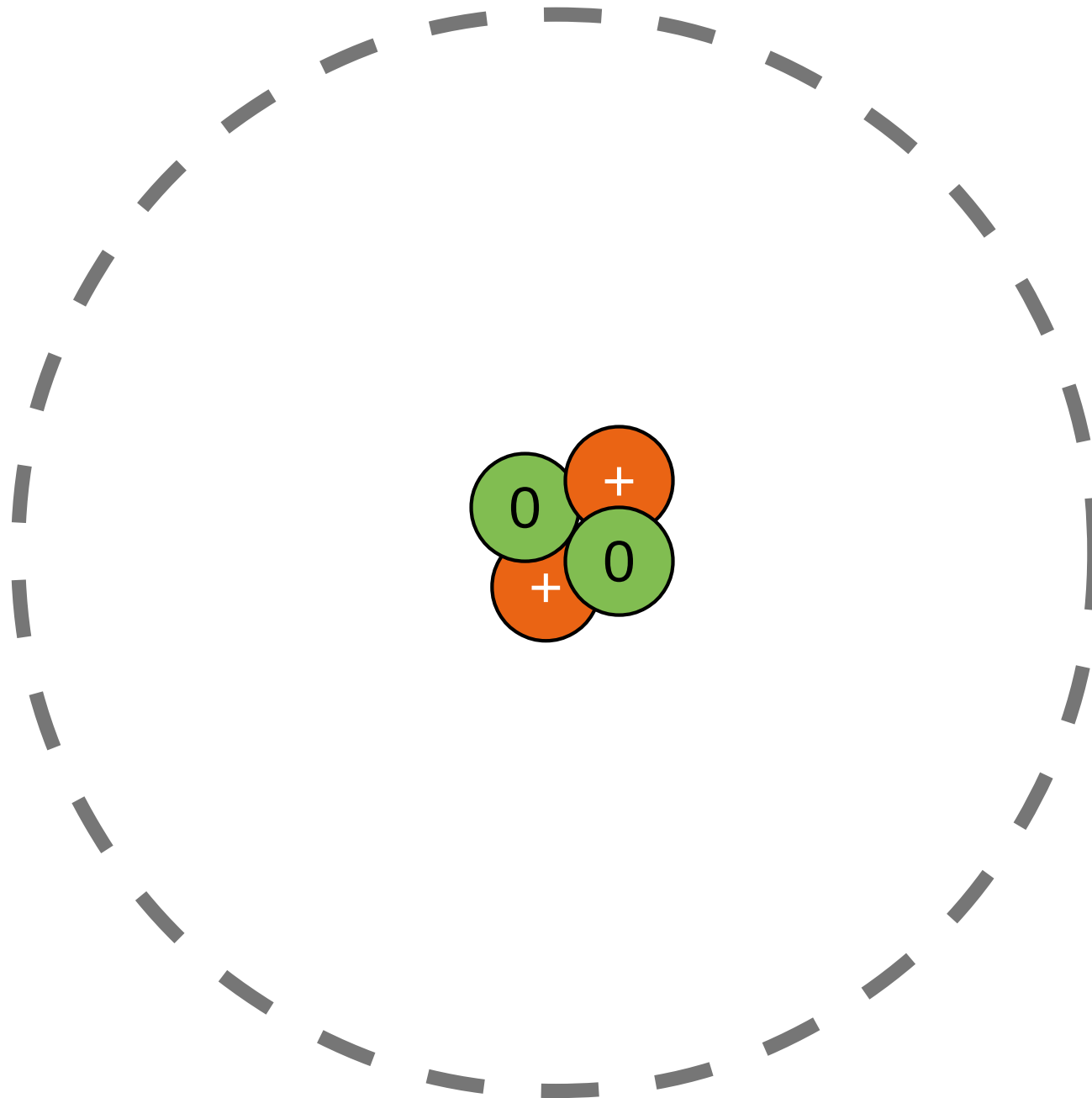
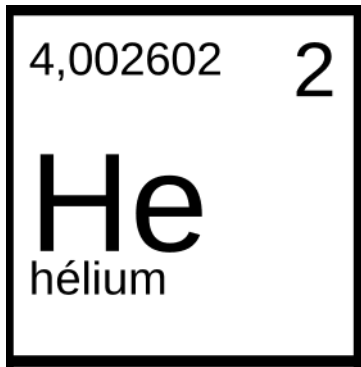
L'atome d'hélium



L'atome d'hélium

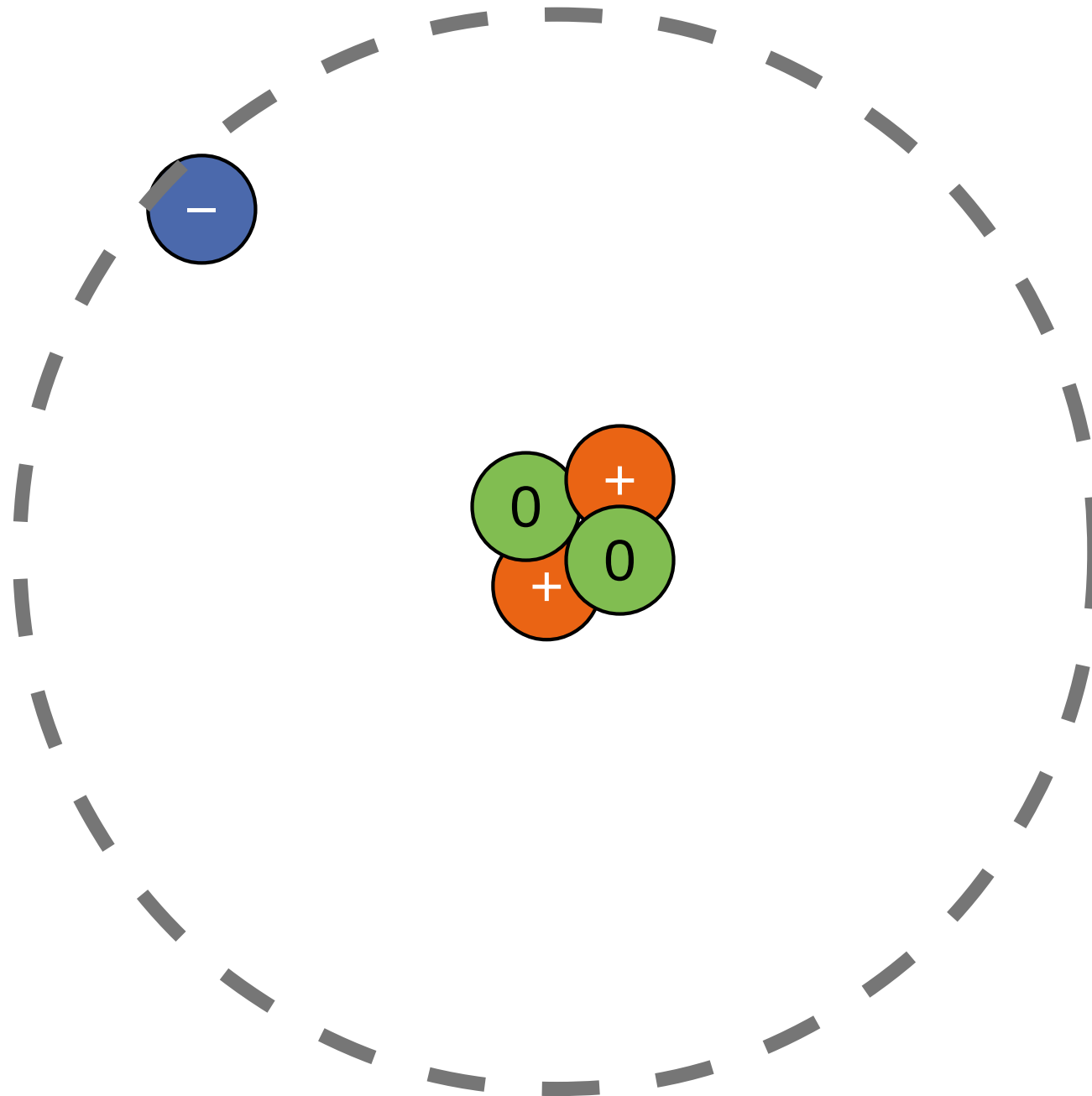


L'atome d'hélium



L'atome d'hélium

4,002602	2
He	
hélium	



L'atome d'hélium

4,002602	2
He	
hélium	

