



sodium
group 1
1 valence electron
forms +1 cation

in ionic bonding it
donates 1 electron



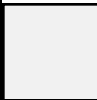
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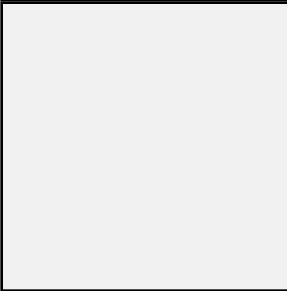

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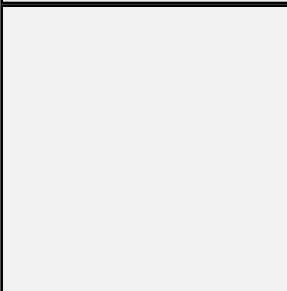

magnesium
group 2
2 valence electrons
forms +2 cation

in ionic bonding it
donates 2 electrons






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2 valence electrons
forms +2 cation

in ionic bonding it
donates 2 electrons



aluminum
group 13
3 valence electrons
forms +3 cation

in ionic bonding it
donates 3 electrons



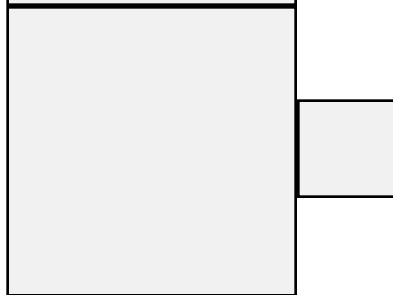
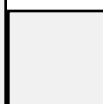
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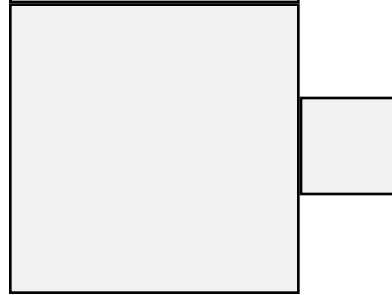
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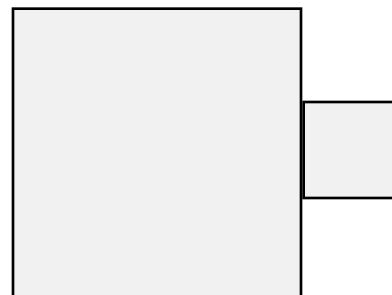
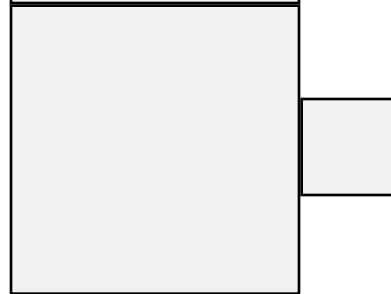
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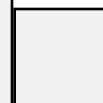
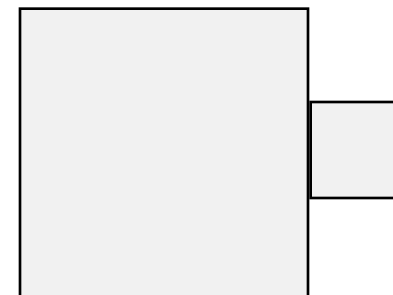
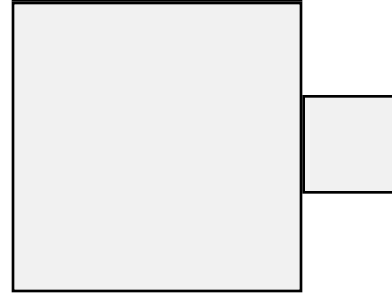
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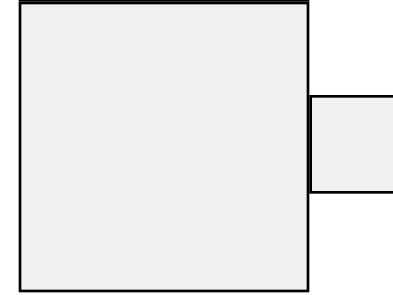
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forms +2 cation
in ionic bonding it
donates 2 electrons



aluminum
group 13
3 valence electrons
forms +3 cation
in ionic bonding it
donates 3 electrons



aluminum
group 13
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forms +3 cation
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	nitrogen group 15 5 valence electrons forms -3 anion
	in ionic bonding it receives 3 electrons

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	in ionic bonding it receives 3 electrons

	oxygen group 16 6 valence electrons forms -2 anion
	in ionic bonding it receives 2 electrons

	chlorine group 17 7 valence electrons forms -1 anion
	in ionic bonding it receives 1 electron

	oxygen group 16 6 valence electrons forms -2 anion
	in ionic bonding it receives 2 electrons

	chlorine group 17 7 valence electrons forms -1 anion
	in ionic bonding it receives 1 electron

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	nitrogen group 15 5 valence electrons forms -3 anion
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	oxygen group 16 6 valence electrons forms -2 anion
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