

Nomenclature (Naming) Ch. 5 & 6

Concept Map for Bonding

Ionic Naming Information

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M + NM (ide)

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TM + NM " + R.N.

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M + polyatomic

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TM + " R.N.

parentheses  $\rightarrow$

Covalent Naming Information

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NM + NM ide

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Greek Prefix

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not mono of 1st

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elt

Chemical Bonding

Ch. 6 Covalent Bonding

Ch. 5 Ionic

Types of Bonding

- I
- C
- Metallic

Describe one type of bonding

I = M + NM

gain/lose  $e^-$

salts

crystal lattice

brittle

Describe one type of bonding

Covalent

NM + NM

Share  $e^-$

Molecules

formula units

Describe one type of bonding

Metallic

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delocalized  $e^-$

$e^-$  sea

around lattice

of cations

