

Quiz-Quiz-Trade
Structure and Bonding

Card 1.

Draw the Lewis
dot-and-cross diagram
to show the electronic
configuration, and
hence the bonding, in
sodium chloride.

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Card 2.

Draw the Lewis
dot-and-cross diagram
to show the electronic
configuration, and
hence the bonding, in
sodium oxide.

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Card 3.

Draw the Lewis
dot-and-cross diagram
to show the electronic
configuration, and
hence the bonding, in
potassium bromide.

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Card 4.

Draw the Lewis
dot-and-cross diagram
to show the electronic
configuration, and
hence the bonding, in
potassium sulfide.



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Card 5.

Draw the Lewis dot-and-cross diagram to show the electronic configuration, and hence the bonding, in **caesium nitride**.

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Card 6.

Draw the Lewis dot-and-cross diagram to show the electronic configuration, and hence the bonding, in **magnesium fluoride**.

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Card 7.

Draw the Lewis dot-and-cross diagram to show the electronic configuration, and hence the bonding, in **magnesium oxide**.

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Card 8.

Draw the Lewis dot-and-cross diagram to show the electronic configuration, and hence the bonding, in **calcium fluoride**.



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Card 9.

Draw the Lewis dot-and-cross diagram to show the electronic configuration, and hence the bonding, in calcium sulfide.

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Card 10.

Draw the Lewis dot-and-cross diagram to show the electronic configuration, and hence the bonding, in barium nitride.

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Card 11.

Draw the Lewis dot-and-cross diagram to show the electronic configuration, and hence the bonding, in aluminium bromide.

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Card 12.

Draw the Lewis dot-and-cross diagram to show the electronic configuration, and hence the bonding, in aluminium sulfide.



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Card 13.

Draw the Lewis dot-and-cross diagram to show the electronic configuration, and hence the bonding, in aluminium phosphide.

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Card 14.

Draw the Lewis dot-and-cross diagram to show the electronic configuration, and hence the bonding, in copper(II) chloride.

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Card 15.

Draw the Lewis dot-and-cross diagram to show the electronic configuration, and hence the bonding, in copper(II) oxide.

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Card 16.

Draw the Lewis dot-and-cross diagram to show the electronic configuration, and hence the bonding, in iron(III) chloride.



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Card 17.

Draw the Lewis
dot-and-cross diagram
to show the electronic
configuration, and
hence the bonding, in
iron(III) oxide.

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Card 18.

Draw the Lewis
dot-and-cross diagram
to show the electronic
configuration, and
hence the bonding, in
sodium hydroxide.

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Card 19.

Draw the Lewis
dot-and-cross diagram
to show the electronic
configuration, and
hence the bonding, in
calcium hydroxide.

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Card 20.

Draw the Lewis
dot-and-cross diagram
to show the electronic
configuration, and
hence the bonding, in
ammonium chloride.



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Card 21.

Draw the Lewis
dot-and-cross diagram
to show the electronic
configuration, and
hence the bonding, in
water.

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Card 22.

Draw the Lewis
dot-and-cross diagram
to show the electronic
configuration, and
hence the bonding, in
ammonia.

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Card 23.

Draw the Lewis
dot-and-cross diagram
to show the electronic
configuration, and
hence the bonding, in
methane.

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Card 24.

Draw the Lewis
dot-and-cross diagram
to show the electronic
configuration, and
hence the bonding, in
ethane (hint: ethane
has the formula **C₂H₆**).



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Card 25.

Draw the Lewis dot-and-cross diagram to show the electronic configuration, and hence the bonding, in **ethene** (hint: ethene has the formula C_2H_4).

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Card 26.

Draw the Lewis dot-and-cross diagram to show the electronic configuration, and hence the bonding, in **ethyne** (hint: ethyne has the formula C_2H_2).

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Card 27.

Draw the Lewis dot-and-cross diagram to show the electronic configuration, and hence the bonding, in **ethanol** (hint: ethanol has the formula C_2H_5OH).

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Card 28.

Draw the Lewis dot-and-cross diagram to show the electronic configuration, and hence the bonding, in **silicon tetrachloride**.



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Card 29.

Draw the Lewis dot-and-cross diagram to show the electronic configuration, and hence the bonding, in **oxygen**.



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Card 30.

Draw the Lewis dot-and-cross diagram to show the electronic configuration, and hence the bonding, in **nitrogen**.



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Card 31.

Draw the Lewis dot-and-cross diagram to show the electronic configuration, and hence the bonding, in **hydrogen cyanide** (hint: the formula **HCN**).



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Card 32.

Draw the Lewis dot-and-cross diagram to show the electronic configuration, and hence the bonding, in **carbon dioxide**.



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Card 33.

Draw the Lewis dot-and-cross diagram to show the electronic configuration, and hence the bonding, in **hydrogen sulfide**.



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Card 34.

Draw the Lewis dot-and-cross diagram to show the electronic configuration, and hence the bonding, in **hydrogen peroxide** (hint: hydrogen peroxide has the formula H_2O_2).



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Card 35.

Draw the Lewis dot-and-cross diagram to show the electronic configuration, and hence the bonding, in **hydrazine** (hint: hydrazine has the formula N_2H_4).



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Card 36.

Draw the Lewis dot-and-cross diagram to show the electronic configuration, and hence the bonding, in **carbon tetrafluoride**.



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Card 37.

Draw the Lewis
dot-and-cross diagram
to show the electronic
configuration, and
hence the bonding, in
bromine.

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Structure and Bonding

Card 38.

Draw the Lewis
dot-and-cross diagram
to show the electronic
configuration, and
hence the bonding, in
hydrogen fluoride.

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Structure and Bonding

Card 39.

Draw the Lewis
dot-and-cross diagram
to show the electronic
configuration, and
hence the bonding, in
phosphorus trichloride.

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Card 40.

Draw the Lewis
dot-and-cross diagram
to show the electronic
configuration, and
hence the bonding, in
carbon disulfide.



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