

QUESTION TEMPLATE

Answer

BING-BING-TOE REVIEW GAME

Honors Chemistry:
Naming, Neutral Compounds, and Lewis Dot Structures

BING-BING-TOE GAME RULES

		FREE Space		

BING-BING-TOE GAME RULES

- Right side of room – X
- Left side of room – O
- 2 players from each team go head to head (standing by opposite team)
- Team may not help
- First team to hold up board with correct answer gets to play a square.
- Teams lose points for trying to distract the other team or help their team with answers.
- Each BING-TOE = 1 point

HOW MANY VALENCE
ELECTRONS DOES
ALUMINUM HAVE?

**HOW IS A COVALENT
BOND FORMED?**

WHAT IS THE NAME GIVEN TO
THE ELECTRONS IN THE
HIGHEST OCCUPIED ENERGY
LEVEL OF AN ATOM?

WHAT DOES CALCIUM DO IN
ORDER TO FORM AN IONIC
BOND?

WHAT IS THE FORMULA
FOR SODIUM SULFATE?

**DRAW THE LEWIS DOT
STRUCTURE FOR CARBON
DIOXIDE AND HOW MANY
LONE PAIRS DOES IT HAVE?**

WHAT IS THE ELECTRON
CONFIGURATION FOR
STRONTIUM?

WHAT IS THE NAME OF THE
FOLLOWING COMPOUND:



**DRAW THE LEWIS DOT
STRUCTURE FOR PEROXIDE**

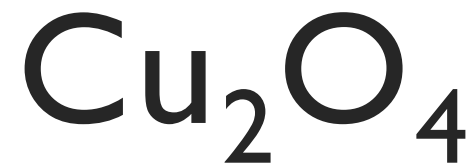
WHAT IS THE CHARGE ON
THE COMPOUND SODIUM
SULFIDE?

WHICH IS MORE
ELECTRONEGATIVE –
OXYGEN OR CARBON?

WHAT KIND OF ELEMENTS
DO YOU (USUALLY) NEED TO FORM
AN IONIC COMPOUND?

WHEN CAN YOU FORM AN
IONIC BOND WITHOUT
HAVING A METAL PRESENT?

WHAT IS WRONG WITH THE
FOLLOWING FORMULA?



FILL IN THE BLANKS: IONIC
BONDS FORM WHEN ONE
ATOM HAS _____ ELECTRON
AFFINITY AND ONE HAS _____
IONIZATION ENERGY

HOW MANY e- DOES BARIUM
GIVE UP TO ACHIEVE A NOBLE
GAS CONFIG.? WHAT IS THAT
CONFIG. IN NOBLE GAS
CONFIG FORMAT?

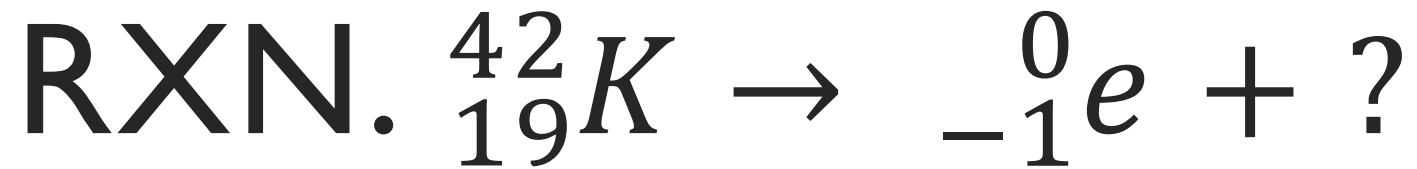
WHAT TYPE OF ELEMENTS
DO YOU NEED TO FORM A
COVALENT BOND?

WHAT TYPE OF BOND IS IN
COPPER AND DESCRIBE HOW
THE ELECTRONS BEHAVE IN
THIS TYPE OF BOND?

WHAT IS THE NAME OF THE
FOLLOWING COMPOUND?



COMPLETE THE FOLLOWING
RXN AND NAME THE TYPE OF



DO COVALENT BONDS
EXHIBIT HIGH OR LOW
ELECTRONEGATIVITY
DIFFERENCES?

**NAME THE DIATOMIC
ELEMENTS.**

WRITE THE FORMULA FOR
POTASSIUM NITRATE.

**DRAW THE LEWIS DOT
STRUCTURE FOR BERYLLIUM
FLUORIDE.**

WHAT IS THE FORMULA
FOR CH₄?

**DRAW THE LEWIS STR. FOR
SULFUR HEXAIODIDE.**

WHAT IS THE NAME OF
THE COMPOUND Si_2Br_6

WHAT IS THE NAME FOR THE
FOLLOWING COMPOUND?



WHAT IS THE FORMULA
FOR SILVER NITRATE?

WHAT IS THE FORMULA FOR
POTASSIUM CHLORITE?

WHAT IS THE FORMULA OF
THE COMPOUND
STRONTIUM PHOSPHITE?

**WHY IS A WATER MOLECULE
BENT? DRAW ME A PICTURE!**

WHAT IS THE FORMULA OF
THE COMPOUND
STRONTIUM PHOSPHIDE?

HOW MANY ITEMS ARE IN A
MOLE?

WHAT IS THE NAME OF THE
POLYATOMIC ION NH_4^+ ?