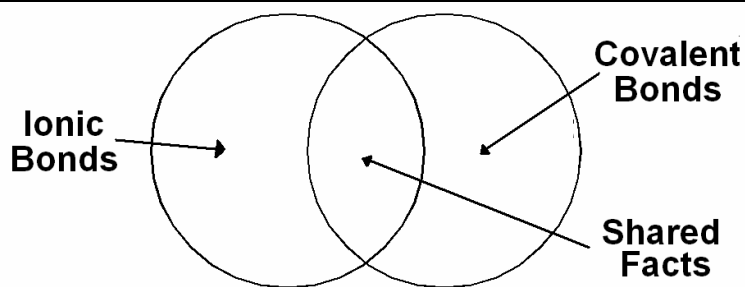


VENN DIAGRAM: IONIC & COVALENT BONDS

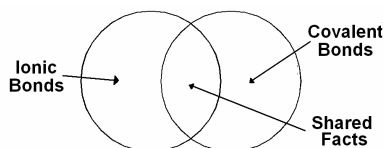


DIRECTIONS:

Your task is to create a Venn Diagram about ionic and covalent bonds. Begin by taking complete notes on each bond type from the file of information supplied to you in class (it can be viewed/printed online as well @ <http://www.myscienceshomework.com>). In the diagram template above, each circle represents an individual category and the central overlap area is for shared facts. You must create a Venn diagram that shows all of the facts that pertain to ionic bonds only (on the left), covalent bonds only (on the right) and all common traits (similarities) in the middle. You should be as thorough as possible on this assignment.

Your diagram must include at least seven facts for each bond type and at least three common traits in the center. Additionally, you must provide at least one example of each bond in its respective area. You will be scored on content, neatness, creativity, and grammar. Two facts in each category will not give you a passing grade.

Begin by taking notes over each bond type in a two-column notes grid. You will be supplying your notes prior to getting paper to construct the Venn Diagram.



NAME: _____

DATE: _____ PERIOD: _____

CHEMICAL BONDS VENN DIAGRAM

Attach this rubric to your finished product when you turn it in

	5	3	2	0
IONIC BONDS	Includes 7 or more detailed points that pertain only to Ionic Bonds	Includes 7 minimally described points or some not unique to Ionic Bonds	Fewer than 7 characteristics listed and/or many are not unique	No valid, unique characteristics of ionic bonds are given
COVALENT BONDS	Includes 7 or more detailed points that pertain only to Covalent Bonds	Includes 7 minimally described points or some not unique to Covalent Bonds	Fewer than 7 characteristics listed and/or many are not unique	No valid, unique characteristics of covalent bonds are given
SHARED FACTS & EXAMPLES	Includes at least three detailed, common traits & an example of each bond type	Includes 3 minimally-described points and an example of each bond type	Fewer than 3 common points and/or missing an example for each bond type	No common traits or examples are included
QUALITY & CREATIVITY	Diagram is of exceptional quality with clear evidence of attention to detail	Diagram is of high quality with attention to detail	Diagram is of lower than average quality, clearly rushed to completion	Diagram is significantly lacking quality in all aspects

COMMENTS:

TOTAL

/ 20