

Finding Beauty in Double Replacement Reactions

Finding Beauty in the Double Replacement Reaction

You have been commissioned to submit an art piece to the Denver Museum of Art symbolically depicting a double replacement chemical reaction. Your art piece should include all of the criteria listed below. Along with your art piece you must also submit a short paragraph to the Denver post describing it and the fundamental chemical theory behind the reaction. The Denver Post is a newspaper targeting a broad audience. In your write-up be sure to discuss the topics below and how they are depicted in your art piece. See rubric for specifics regarding grading criteria. Submissions can be paper or electronic. (10 points)

Criteria for art piece:

- A complete and balanced double replacement reaction. Include accurate amounts of reactants and products, with the correct number of each element in the substance.
- Limited amount of text – use pictures and diagrams to depict your thoughts regarding substances (reactants and products).

Be creative, this is your chance to demonstrate your understanding of double replacement reactions. You can always include more than what was stated but the above criteria will be how you are assessed.

Topics to discuss in newspaper article:

- Subscripts
- Coefficients
- Reactants
- Products
- Concept of the mole
- Molar mass
- Percent composition