Name _____

Charged Up Chemistry: Exploring Ions and Ionic Compounds

Open-Ended Response Questions

1. Explain why the attraction between cations and anions in an ionic compound is similar to how magnets attract each other.

2. Think of a scenario where knowing about ionic compounds' conductivity is important. How can this knowledge be useful in that situation?

3. Investigate how the properties of ionic compounds make them suitable for various applications in industry and healthcare.

4. Discuss the environmental impact of using ionic compounds like calcium chloride to melt ice on roads during winter. What are the potential benefits and drawbacks?

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