**Task Sheet: Mindmap on Scalar and Vector Quantities in Motion**

**Objective:** Create a comprehensive Mindmap that explores the concepts of scalar and vector quantities in motion, including key terms such as distance, displacement, speed, and velocity.

**Topics to Cover:**

1. Scalar Quantity
2. Vector Quantity
3. Distance
4. Displacement
5. Speed
6. Velocity

**Instructions:**

1. **Introduction:**
   * Begin your Mindmap with a central node titled "Scalar and Vector Quantities in Motion."
   * Provide a brief definition of scalar and vector quantities.
2. **Scalar Quantity:**
   * Create a branch for "Scalar Quantity."
   * Include the definition and examples of scalar quantities.
   * Consider including units associated with scalar quantities.
3. **Vector Quantity:**
   * Create a branch for "Vector Quantity."
   * Include the definition and examples of vector quantities.
   * Consider including graphical representations of vectors.
4. **Distance:**
   * Create a branch for "Distance."
   * Define distance and provide examples.
   * Include the unit of measurement for distance.
5. **Displacement:**
   * Create a branch for "Displacement."
   * Define displacement and highlight the difference between distance and displacement.
   * Include examples to illustrate displacement.
6. **Speed:**
   * Create a branch for "Speed."
   * Define speed and provide the formula for calculating speed.
   * Include examples and discuss units of speed.
7. **Velocity:**
   * Create a branch for "Velocity."
   * Define velocity and highlight the difference between speed and velocity.
   * Provide examples and discuss units of velocity.
8. **Connections:**
   * Connect related concepts on the Mindmap, showing the relationships between scalar and vector quantities.
   * Consider using arrows or lines to indicate connections and dependencies.

**Presentation:**

* The Mindmap should be visually organized, with clear connections and an easily understandable layout.
* Use color, symbols, and concise text to enhance clarity.