Projekt współfinansowany w ramach programu Unii Europejskiej Erasmus+

Post-test (After the Lesson)

This test is designed to check whether students have mastered the skills of interpretation and analysis and are able to distinguish between uniform and non-uniform motion after the lesson.

1. Based on the graph of distance versus time S(t), explain how **to accurately calculate** (read) **the speed** of an object.

2. How does the frequency of time and distance measurements affect **the accuracy** of determining the speed value and the shape of the S(t) graph?

3. Give **two examples** of situations from everyday life in which motion **is not uniform** (give a brief description of why it is not uniform).

4. Using the data and formulas from the lesson, describe **the difference** between **uniform** and **non-uniform** motion, referring to the concept **of acceleration**.

5. Draw **a sketch of the graph** showing the relationship between velocity and time v(t) for uniform linear motion and describe its most important feature.