

Name - _____

Start time - __ : __

End time - __ : __

Investigate real-life applications of speed, velocity, and acceleration in sports, transportation, or other fields.

Define the formula for calculating acceleration. Write down the formula and its units.

Describe what positive and negative acceleration mean in terms of an object's motion.

Provide an example of a situation where an object has a constant speed but changing velocity.

Calculate the final velocity of an object starting from rest, accelerating at a rate of 8 m/s^2 for 6 seconds.