

Name - \_\_\_\_\_

Start time - \_\_ : \_\_

End time - \_\_ : \_\_

Word problems:

1. A car is traveling at 100 kilometers per hour (km/h). What is its speed in meters per second (m/s)?
2. An airplane is flying at 550 miles per hour (mph). What is its speed in kilometers per hour (km/h)?
3. A cyclist is moving at 20 miles per hour (mph). What is this speed in meters per second (m/s)?
4. A recipe calls for 250 milliliters of olive oil. How many tablespoons is this? (Hint: 1 tablespoon  $\approx$  14.79 milliliters)
5. You need 3 cups of water for a recipe. How many milliliters is this? (Hint: 1 cup  $\approx$  236.59 milliliters)
6. If a cake recipe asks for 350°F, what is this temperature in Celsius?
7. Your backyard is 500 square feet in size. What is this area in square meters? (Hint: 1 square foot  $\approx$  0.092903 square meters)
8. The total floor space of an office is 800 square meters. What is this area in square yards? (Hint: 1 square yard  $\approx$  0.836127 square meters)
9. If it's 98.6°F outside, what is the equivalent temperature in Celsius?

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