

Name - _____

Start time - __ : __

End time - __ : __

Word problems:

1. In Siberia, it's -30°C . What is the temperature in Fahrenheit?
2. A car is traveling at a speed of 60 miles per hour (mph). What is its speed in meters per second (m/s)? (Hint: 1 mile is approximately equal to 1609.34 meters, and 1 hour is equal to 3600 seconds.)
3. On a cold winter day, the temperature in Celsius is -10°C . What is it in Kelvin? (Hint: Kelvin = Celsius + 273.15)
4. You need 500 grams of flour for a recipe. How many ounces of flour is this? (Hint: 1 ounce \approx 28.35 grams)
5. If a box weighs 2 pounds, what is its weight in kilograms?
6. Your luggage cannot exceed 23 kilograms for a flight. What is the maximum weight in pounds allowed?
7. A car has a fuel efficiency of 30 miles per gallon (mpg). If you want to know how many liters of fuel it consumes to travel 100 kilometers, how many liters of fuel does the car use? (Hint: 1 mile is approximately equal to 1.60934 kilometers, and 1 gallon is approximately equal to 3.78541 liters.)
8. You have a 5K race coming up, and the course is measured in meters. How many meters is a 5K race?

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