

# Unit Conversion and Word Problems Worksheet

## *No One Said Life Was Fahrenheit*

1. Convert  $40^{\circ}\text{F}$  to Celsius.
2. How long does a car traveling at 45 mph take to travel 80 mi, in hours?
3. Convert  $98^{\circ}\text{C}$  to Fahrenheit.
4. Sarah can run at a speed of 5 mph. How many miles can she cover in 5 minutes?
5. A store sells coffee for \$34 per bag. If a bag contains 6 lbs, find the cost of coffee per pound.
6. A bag of Skittles weighs 80 ounces.
7. You put \$250 in the bank and receive 5% annual interest. How much money do you have after 2 years?
8. Abby weighs 120 pounds. How much does she weigh in kilograms?
9. The average speed of a sprinter is 12.5 yds/sec. How many meters does he run in 1 minute? (1 yd = 0.91 m)
10. The area of a square box is  $64\text{ in}^2$ . What is its length in cm?

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