

Math 1513 - College Algebra

Written Assignment 13 - Due 2012.04.14

Directions: Please answer the following question in complete sentences. Be sure to label all geometric objects in any illustrations. I will accept an answer in a scanned image format, in a Word document or as a pdf.

Problem: The following equations can be used to convert a temperature from Fahrenheit (F) to Celsius (C):

$$\begin{cases} F = \frac{9}{5}C + 32 \\ C = \frac{5}{9}(F - 32) \end{cases}$$

At what temperature do the two scales agree?