



FOOD SCIENCE & TECHNOLOGY CAREER DEVELOPMENT EVENT

Math/ Problem Solving Reference

The event will utilize the USDA Food Safety Inspection Service Processing Inspectors' Calculations Handbook (revised 1995) as the resource for the development of problem-solving problems relating to the following sections: Conversions (e.g., metric, US equivalents, grams, ounces, percent, ppm, Celsius, Fahrenheit); Pearson's Square; Percent of an ingredient in a formula; Yield; Shrink loss; Volume of a container; Calorie calculations; Total energy calculations. The resource can be found at this link:

https://www.fsis.usda.gov/sites/default/files/media_file/2020-07/7620.3.pdf