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BASIC SHOP MATHMATICS REVIEW

1. Introduction to shop math as a review of basic skills required to become a SIS mechanic on the assembly line. Included in the course is the use of common fractions of the fastener used in assembly; Decimal numbers and conversion table's to/from fractions; Decimal number place values; Addition of decimal numbers; Subtraction of decimal numbers; Multiplication of decimal numbers; Division of Decimal numbers; and the use of calculators to check Math Functions.

Introduction to Number line and Decimal numbers.

1/10 of an Inch = 0.1

1/100 of an Inch = 0.01

1/1000 Of an Inch = 0.001

1/10,000 of an Inch =0.0001

Whole numbers 1, 10, 100, 1,000, 10,000 etc.

Addition of Decimal Numbers

Subtraction of Decimal Numbers

Division of Decimal Numbers

Multiplication of Decimal numbers

Common Fastener & Drill sizes to Decimal Number and Vs.Versa

Nominal Edge Distance, Edge Margin and Equal Spacing Calculations

Dimension, Plus or Minus, Size and Tolerance Calculations.

Calculator Usage, functions, display, memory storage and power requirements.

Exercises, Workbook, Reviews and Test Evaluation



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