

# The "COMMON LANGUAGE" of MATH

Name: \_\_\_\_\_ Organization: \_\_\_\_\_

Job Title: \_\_\_\_\_ Email: \_\_\_\_\_

**Knowledge  
from education;  
demonstrated in jobs!**

*Which Math Topics Do You Use? Check all that apply!*

Area	Exponential and logarithmic functions	Reasoning skills
Areas of circles	Finite sums integration	Rectangular coordinates
Area of trapezoid	Flow velocity	Relationship between variables
Area under a curve	Formulas	Relationships direct and inverse
Averages / Mean	Fractions	Right triangle
Bar graphs	Functions	Scale
Basic math computation	Function notation	Scatter plots
Calculator skills, Graphing calculator	Graphing	Sequence, series and mathematical induction
Calculus: Area of ellipses, area under curves, right triangle, trigonometry, volume of cones	Graphs equations	Slope
Central angles	Integers	Slope and intercept
Computing cost	Length	Slope perimeter
Correlation coefficient	Linear equations	Spreadsheet use
Critical thinking	Percentages	Standard, Deviation
Charts	Polar coordinates, parameterizations and conic sections	Tables
Circles: Area, diameter and radius, circumference	Polynomial regression	Trapezoid rule
Circumference	Predicting data	Trigonometry functions
Coordinate plotting	Probability	Unit Conversions
Decimals	Problem solving	Vectors, Matrices and System of equations
Decimal multiplication	Proportion	Velocity
Density	Pythagorean theorem	Variance
Discounts and Mark-ups	Quadratic equations	Volume
Distance	Quadratic functions	Volume of cylinders
Estimation	Rates of change	Volume of prisms
Excel software	Ratios	Weight

*You gain knowledge at school and work.  
With this you can earn a living and advance in your career!*



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