

# TRADESMAN CALC™

## TRADES MATH AND CONVERSION CALCULATOR



Model 4400

**Protective Slide**  
Cover slips on the front  
or on the back when the calculator is in use.

This new calculator from Calculated Industries is designed to be useful for both teaching technical trade math and for using on the job in a variety of settings requiring technical math.

**Ideal for people working in math-oriented trades and for students and instructors needing an easy-to-use calculator with Applied Math functions.**

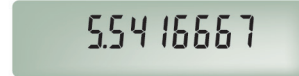
### Product Specifications

- Size:** 5.7" x 3.0" x 0.65" (145 mm x 76 mm x 17 mm)
- Weight:** 4.15 oz. (118 gm) Includes Slide Cover and Pocket Reference Guide
- Power:** One 3-volt (CR-2016) Long-life Battery
- Display:** 15 Digits (8 normal, 7 fractions) with Full Annunciators
- LCD Dimensions:** 0.73" x 2.56" (19 mm x 65 mm)
- Accuracy:** 12 Digit Internal Accuracy
- Maximum Display:** Up to 9999999.99
- Included with Every Tradesman Calc:** Protective Slide Cover; Long-life Battery (One CR2016); Quick Reference Guide and Pocket Reference Guide.
- Full One-Year Limited Warranty**

1. Add 1 7/8 plus 3 2/3:



Convert to decimal:



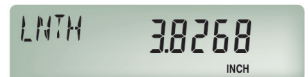
2. Enter a fractional value, toggle to least common denominator showing as an improper fraction and convert to decimal:



3. Use the built-in right triangle functions to find the unknown side and angles of a right triangle with known sides of 3 and 4 inches:



4. Given an 8-sided polygon with a 10-inch outer diameter, calculate the internal and external angles and the side length, inner diameter, perimeter and total area:



### A Versatile New Trade Math Tool!

- ✓ Work in Architectural (ruler) fractions (1/4 inch, 1/16 inch, etc.), proper fractions (2/3), mixed number fractions (1-2/3) and improper fractions (5/3)
- ✓ Solve dimensional math problems, and convert between U.S. and metric dimensional math units
- ✓ Solve angle and side problems with trigonometry
- ✓ Enter and solve circle, arc, radius, hexagonal and polygonal dimensions
- ✓ Convert between decimal and fraction
- ✓ Enter and solve ratios and proportions
- ✓ Enter math equations using order of operations
- ✓ Work with exponents



4400-SPEC-4C-07\_12

**CALCULATED INDUSTRIES™**

4840 Hytech Drive  
Carson City, NV 89706  
1-800-854-8075

Visit our website at:  
[www.calculated.com](http://www.calculated.com)

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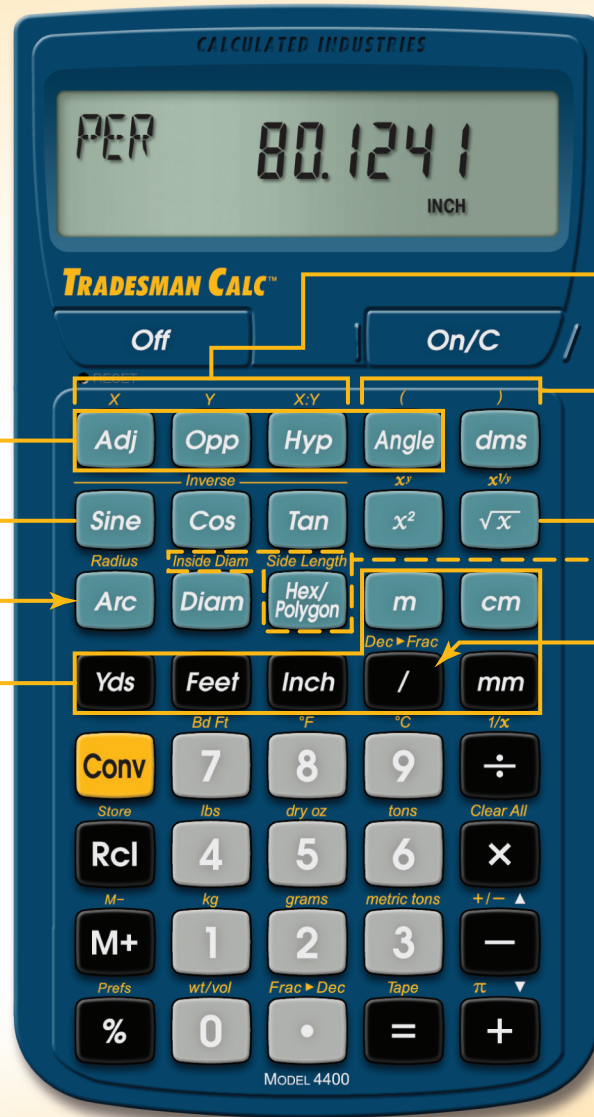
**THE TRADESMAN CALC** is designed to be useful for both teaching technical trade math and for using on the job in a variety of settings requiring technical math, including Welding, Metal Fabrication, Engineering, Automotive Service Technology, Aviation and Drafting.

**Right Triangle Math** —  
Enter and calculate Angle,  
Hypotenuse, Opposite and  
Adjacent Side Lengths

**Trigonometric  
Functions** — Sine,  
Cosine, Tangent, Arcsine,  
Arccosine, Arctangent

**Circle/Arc** —  
Enter and calculate Area,  
Circumference, Radius,  
Diameter, Arc Angle, Arc  
Length, Chord Length,  
Arc Height

**Work in and Convert  
between U.S. and Metric  
Dimensional Math Units**  
— Feet-Inch-Fractions to  
1/64ths, Yards, decimal  
Inches, meters,  
centimeters, millimeters,  
pounds, tons, grams,  
kilograms, metric tons,  
board feet, dry ounces



**Ratios and  
Proportions** — Find x, y  
values, calculate  
proportional values

**Math Functions** —  
Convert between  
decimals and fractions,  
enter math equations using  
parentheses. Work with  
exponents, square roots,  
reciprocals and more

**Hexagon/Polygon** —  
Find Exterior Angle,  
Interior Angle, Side Length,  
Outside Diameter, Inside  
Diameter, Perimeter  
and Area

**Work in all kinds of  
Fractions** — Architectural  
(ruler) fractions (1/4 inch,  
1/16 inch, etc.), proper  
fractions (2/3), mixed  
number fractions (1-2/3)  
and improper fractions (5/3)

MODEL 4400 - Actual Size

**Ideal for people working in math-oriented trades and for students and instructors needing an easy-to-use calculator with Applied Math functions.**