

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

TRADESMAN CALC™

TRADES MATH AND CONVERSION CALCULATOR

1. Add $1 \frac{7}{8}$ plus $3 \frac{2}{3}$:

Convert to decimal:

$5 \frac{13}{24}$

5.5416667

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

$1 \frac{3}{4}$

LCD

$0 \frac{21}{12}$

1.75

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:

HYP 5.0000
INCH

ANGL 36.8699°

ADJ 53.1301°

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:

INT 135.0000°

EXT 45.0000°

LNTH 3.8268
INCH

ID 9.2388
INCH

PER 306.147
INCH

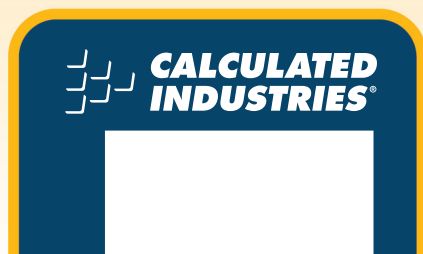
AREA 70.7107
SQ INCH

A Versatile New Trade Math Tool!

- ✓ Work in Architectural (ruler) fractions ($\frac{1}{4}$ inch, $\frac{1}{16}$ inch, etc.), proper fractions ($\frac{2}{3}$), mixed number fractions ($1\frac{2}{3}$) and improper fractions ($\frac{5}{3}$)
- ✓ 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



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TRADESMAN CALC™

TRADES MATH AND CONVERSION CALCULATOR

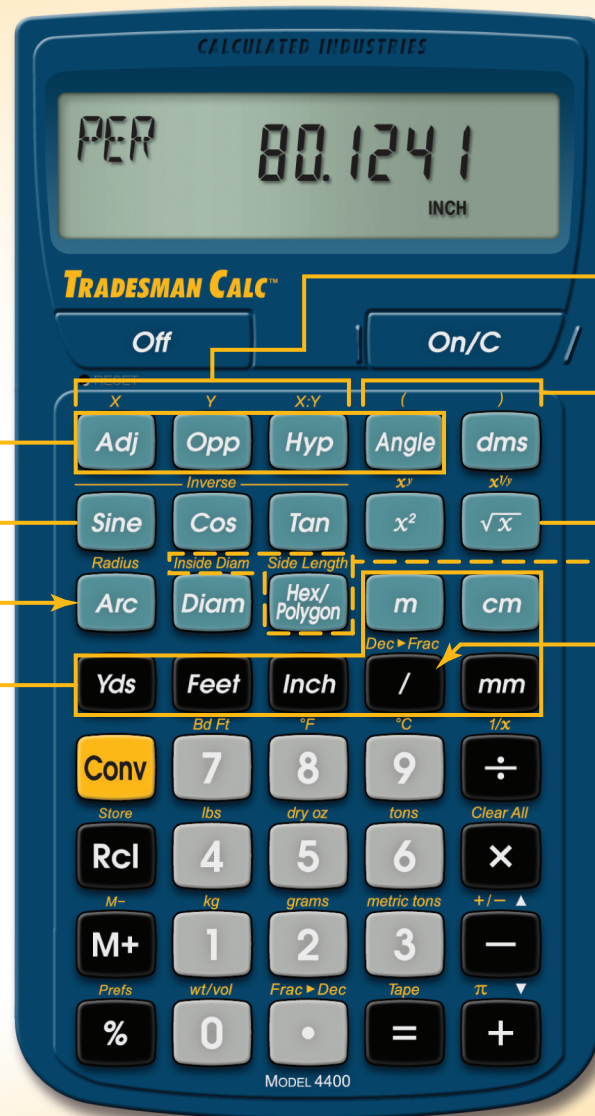
THE TRADESMAN CALC is designed to be useful for both teaching technical trade math and for using on the job in a variety of settings requiring technical math, including Welding, Metal Fabrication, Engineering, Automotive Service Technology, Aviation and Drafting.

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.