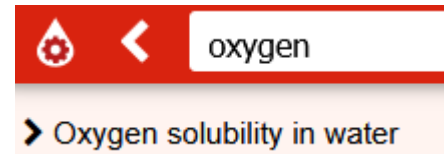# Plutocalc Water

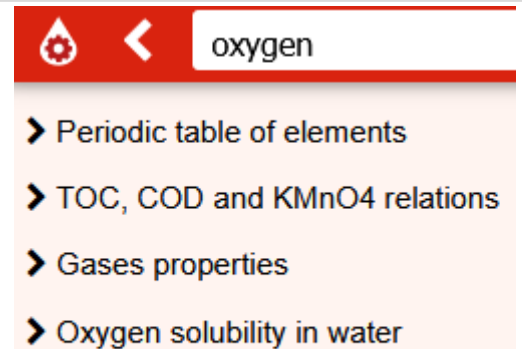## Search bar and calculator — Quick guide

1. Basic search:

Look for solver names only

2. Deep search (only in Plutocalc+)

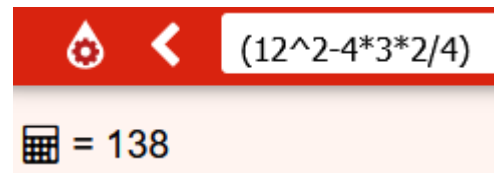Look within solver names, variable names and database items

3. Unit conversions

Units: meter (m), inch (in), foot (ft), yard (yd), mile (mi), angstrom, mil, m2,sqin, sqft, sqmil, acre, hectare, m3, liter (L), cc, cuin, cuft, rad, deg, grad, arcsec, arcmin, s, minute, h, day, week, month, year, decade, century, millennium, hz, gram, tonne, ton, grain, dram, oz, lb, ampere, K, degC, defF, degR, mol, cd, N, dyn, lbf, J, Wh, BTU, eV, W, hp, Pa, psi, atm, torr, bar, mmHg, mmH2O, cmH2O, volt, ohm, farad, weber, tesla (T), henry (H), siemens, electronvolt (eV), GFD, LMH, gallon (gal), oilbarrel (obl), floz

4. Arithmetic calculations

Functions: abs, ceil, exp, fix, floor, log, log10, mod, round, sum (+), subtract (-), multiply (*), pow (^), divide (/), cube, square, sqrt

5. Calculation with units
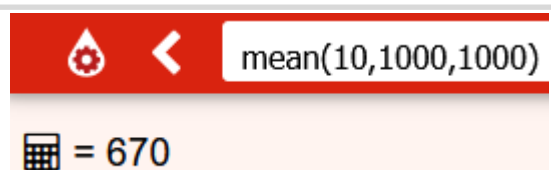
Run calculations using different units

6. Trigonometric calculations

Functions: acos, acosh, acot, acoth, acsc, acsh, asec, asech, asin, asinh, atan, atan2, atanh, cos, cosh, cot, coth, csc, csch, sec, sech, sin, sinh, tan, tanh

7. Statistical calculations

Functions: mad, max, mean, median, min, mode, prod, quantileSeq, std, sum, variance

8. Help

For more information about a function, use *help()*. Example: *help(mean)*

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