

APPLIED QUANTITATIVE REASONING 601

COMPUTER LAB#1: Tutorial How to work with MathCAD

We begin by learning to do simple computations with MathCAD.
When in doubt about syntax, come back to this page.

Simple operations

(1) Type: $3.3 \cdot 4.1 =$

$$3.3 \cdot 4.1 = 13.53$$

(2) Type $2.4 - 3.5 =$

$$2.4 - 3.5 = -1.1$$

(3) Type: $\sqrt{2} =$ (this is square root of 2).

$$\sqrt{2} = 1.414$$

(4) Type $2.3^{-4.5} =$ (this is 2.3 to the power -4.5).

$$2.3^{-4.5} = 0.024$$

(5) Type: $(3.1 - 4.2) \cdot 4.3 - 6.5 =$

$$(3.1 - 4.2) \cdot 4.3 - 6.5 = -11.23$$

(6) Type: $7 / (2.3 - 8.6) + 3 =$

$$\frac{7}{(2.3 - 8.6)} + 3 = 1.889$$

(7) Type: $-3.7 / \sqrt{-2.3 + 8.6} =$

$$\frac{-3.7}{\sqrt{-2.3 + 8.6}} = -1.474$$

Note: remember there are text boxes (that will not compute)
and computation boxes (with their non-text rules).

COPYRIGHT ©KAUFMAN, 1999