

関数電卓練習問題

2014.9

1	$8 - 2 \times 3 = 2$
2	$(5 - 2) \times (3 + 4) = 21$
3	$\frac{2 - 8}{4 + 8} = -0.5$
4	$3 + 4 \times 5 - 6 \div 3 = 21$
5	$10^3 \times 10^2 = 10^5$
6	$3.5 \times 10^{-2} \times 4.5 \times 10^8 = 1.575 \times 10^7$
7	$6.02 \times 10^{23} \times 1.38 \times 10^{-23} = 8.3076$
8	$9.1 \times 10^{-31} \times (1.6 \times 10^{-19})^2 \times 6.63 \times 10^{-34} = 1.545 \times 10^{-101}$
9	$\frac{4^4 \times 3}{2^3 \times 5^2} = 3.84$
10	$\sqrt{\frac{3}{2\pi}} = 0.691$
11	$\sqrt{1.68^2 + 2.5^2 + 1.9^2} = 3.561$
12	$\sqrt{\frac{2 \times 1.6 \times 10^{-19} \times 100}{9.1 \times 10^{-31}}} = 5.93 \times 10^6$
13	$\sqrt[3]{\frac{7.5 \times 10^{-3} \times (3.6 \times 10^{12})^4 \times 1.5 \times 10^8}{3.1 \times 10^{-3} \times (2.5 \times 10^2)^2 \times (1.5 \times 10^9)^{1/2}}} = 2.93 \times 10^{16}$
14	$\sqrt{\left(\left(\frac{1}{12}\right)^2 + \left(\frac{1}{8}\right)^2\right)^{-1}} = 6.656$
15	$\exp(-5) = 6.738 \times 10^{-3}$
16	$\exp\left[-\frac{(19.8 - 17.0)^2}{2 \times 1.6^2}\right] = 2.16 \times 10^{-1}$
17	$\sin\left(\frac{2}{3}\pi\right) = 8.66 \times 10^{-1}$ (ラジアン)
18	$\cos 75^\circ = 2.59 \times 10^{-1}$ (度)
19	$\log 1129 = \log_{10} 1129 = 3.05$
20	$\ln 481 = \log_e 481 = 6.18$