

CALCULATION EXAMPLES

WriteView EL-W550TG

1 SETUP (ANZGE)

100000 ÷ 3 = $\frac{100000}{3} = 33333,33333$

[NORM1] $\frac{100000}{3} = 33333,33333$

[FIX: ANZ.EFF.STELLEN 2] $33333,33$

[SCI: ANZ.EFF.STELLEN 2] $3,3E04$

[ENG: ANZ.DEZ.STELLEN 2] $33,33E03$

[NORM1] $33333,33333$

2 SETUP (EDITOR)

[DEZIMAL] $0,1$

1 ÷ 2 = $0,5$

[EXAKT] $\frac{1}{2}$

1 ÷ 2 = $\frac{1}{2}$

3 SETUP (PERIOD)

[AN] $0,611495$

611 ÷ 495 = $1,2343434$

[LINE] $1,2(34)$

[AUS] $0,611495$

4

$\frac{2}{5} + \frac{3}{4} = \frac{8}{20} + \frac{15}{20} = \frac{23}{20}$

$\sqrt{3} \times \sqrt{5} = \sqrt{15}$

$\sin 45 = \frac{\sqrt{2}}{2}$

5

$3(5+2) = 21$

$3 \times 5 + 2 = 17$

$(5+3) \times 2 = 16$

$3 \times (5+2) = 21$

$3 \times 5 + 2 = 17$

$(5+3) \times 2 = 16$

6

$45 + 285 \div 3 = 140$

$\frac{18+6}{15-8} = \frac{24}{7}$

$42 \times -5 + 120 = -90$

$(5 \times 10^3) \div (4 \times 10^{-3}) = 1250000$

7

$\sin 60^\circ = \frac{\sqrt{3}}{2}$

$\cos \frac{\pi}{4} [\text{rad}] = \frac{\sqrt{2}}{2}$

$\tan^{-1} 1 [g] = 45^\circ$

$(\cosh 1,5 + \sinh 1,5)^2 = 20,88553692$

$\tanh^{-1} \frac{5}{7} = 0,895879734$

$\ln 20 = 2,995732274$

$\log_2 16384 = 14$

$e^3 = 20,88553692$

$1 + e = 3,67879441$

$10^{1,7} = 50,11872336$

$\frac{1}{6} + \frac{1}{7} = \frac{13}{42}$

$8^{-2} - 3^4 \times 5^2 = -129599,64$

$8^3 = 512$

$\sqrt[4]{49} - \sqrt[4]{81} = 4 - 3 = 1$

$\sqrt[3]{27} = 3$

$4! = 24$

$|5 - 9| = 4$

$\theta = \sin^{-1} x, \theta = \tan^{-1} x, \theta = \cos^{-1} x$

DEG $-90 \leq \theta \leq 90$ $0 \leq \theta \leq 180$

RAD $-\frac{\pi}{2} \leq \theta \leq \frac{\pi}{2}$ $0 \leq \theta \leq \pi$

GRAD $-100 \leq \theta \leq 100$ $0 \leq \theta \leq 200$

8

$\sum_{x=1}^5 (x+2) = 25$

$n=1$

$n=2$

9

$\prod_{x=1}^5 (x+2) = 105$

$n=1$

$n=2$

10 ALPHA RCL STO M+ M- ANS

$8 \times 2 \Rightarrow M = 16$

$24 \div (8 \times 2) = \frac{3}{2}$

$(8 \times 2) \times 5 = 80$

$0 \Rightarrow M$

$\$150 \times 3 \Rightarrow M_1 = 450$

$\Rightarrow \$250: M_1 + 250 \Rightarrow M_2 = 250$

$\Rightarrow M_2 \times 0,05 = 35$

$M = 665$

$\frac{24}{4+6} = \frac{12}{5} \Rightarrow (A)$

$3 \times (A) + 60 \div (A) = \frac{161}{5}$

11

$6 + 4 = \text{ANS} = 10$

$\text{ANS} + 5 = 15$

$8 \times 2 = \text{ANS} = 16$

$\text{ANS}^2 = 256$

12 (ab)

$\frac{1}{2} + \frac{4}{3} = \frac{11}{6}$

$1,833333333$

$11 \div 6 = 1,833333333$

13 KONST

$V_0 = 15,3 \text{ m/s}$

$t = 10 \text{ s}$

$V_0 t + \frac{1}{2} g t^2 = ? \text{ m}$

$643,3325$

14 (ROUND)

$5 + 9 = \text{ANS} = 14$

$\text{ANS} \times 9 = 126$

$\text{ANS} \times 9 = 126$

[ROUND] 126

$\text{ANS} \times 9 = 1134$

[NORM1] 1134

$5 \div 9 = 0,5555555555 \times 10^{-1} \times 9 = 5$

$5 \div 9 = 0,6$

[ROUND] $0,6$

$\text{ANS} \times 9 = 5,4$

15 (int) (int) BinCo

$23 \div 5 = 4 \text{ R } 3$

$9,5 \div 4 = 2 \text{ R } 1,5$

$-32 \div (-5) = 6 \text{ R } -2$

$-34,5 \rightarrow [\text{int}] = -35$

${}_2C_2 = 10$

16 (MODS) (STAT) (INS-D)

DATA

X	FRQ
1	1
3	4
4	5
5	2

20 ENTER 30 ENTER 40 ENTER 50 ENTER

DATA

X	FRQ
3	4
4	5
5	2
3	1

45 ENTER 45 ENTER 45 ENTER 60

17 (MODS) (STAT) (DATA) (STAT)

DATA

X	Y
12	24
21	40
21	40
15	25

12 ENTER 24 ENTER 21 ENTER 40 ENTER 15 ENTER 25 ENTER

Stat [1-Var] θ

$\sum X = 77$
 $\sum Y = 133$
 $\sum X^2 = 1587$
 $\sum Y^2 = 2025$
 $\sum XY = 1779$

DATA

x	y
2	5
2	5
12	24
21	40
21	40
15	25

12 ENTER 24 ENTER 21 ENTER 40 ENTER 15 ENTER 25 ENTER

Stat [2-Var] θ

$\sum X = 77$
 $\sum Y = 133$
 $\sum X^2 = 1587$
 $\sum Y^2 = 2025$
 $\sum XY = 1779$

$\sum X = 94$

18 (f) (g) f(x)=g(x)=

$\sqrt{x} \Rightarrow f(x)$

$12 \Rightarrow X = 144$

$\sqrt{x} \times 3 = 3\sqrt{x}$

$x^2 + 1 \Rightarrow g(x)$

$f(12) \times g(5) = 26\sqrt{3}$

19 (MODS) (TABLE)

$f(x) = x^2 + 1$

X_Start: 1
X_Schritt: 1

X	f(X)
-2	5
-1	2
0	1

$f(x) = x^2 + 1$

X_Start: 1
X_Schritt: 1

X	f(X)
0	1
1	2
2	5

$f(x) = x^2 + 1$

X_Start: 1
X_Schritt: 1

X	f(X)	g(X)
1	2	6
2	5	7
3	10	8

$f(x) = 2x - 1$

X_Start: 0
X_Schritt: 2

X	f(X)	g(X)
0	-1	2
2	3	10
4	7	50

$f(x) = g(\sin x)^2 + 1$

X_Start: 0
X_Schritt: 2

X	f(X)	g(X)
0	1	1
1	2	2
2	5	10

$g(x) = 2x + 1$

X_Start: 5
X_Schritt: 1

X	f(X)	g(X)
5	237900	11
6	246181	13
7	254668	15

20 (MODS) (DISTR)

Calculate the probability of range x = 54 to 66 in the above sample.

Normal cdf
x1: 54
x2: 66
 μ : 60
 σ : 6

ANS = $0,682689492$

Find the probability density for 15 trials with x = 7, for the binomial distribution with success probability of 30%.

Binomial pdf
n: 15
p: 0,3
x: 7

ANS = $0,081130033$

Calculate the probability of range up to x = 7 (success number) in the above sample.

Binomial cdf
n: 15
p: 0,3
x: 7

ANS = $0,949987459$

Calculate the probability of range x = 2 to 7 in the above sample.

Binomial cdf2
n: 15
p: 0,3
x1: 2
x2: 7

ANS = $0,91471986$

Find the probability density of x = 4, for the mean of a Poisson distribution of 3.6.

Poisson pdf
 μ : 3,6
x: 4

ANS = $0,19122339$

Find the probability within the range up to x = 4.

Poisson cdf
 μ : 3,6
x: 4

ANS = $0,706438449$

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Function	Dynamic range
$\sin x, \cos x, \tan x$	DEG: $ x < 10^{10}$ RAD: $ x < \frac{\pi}{2} \times 10^{10}$ GRAD: $ x < \frac{\pi}{9} \times 10^{10}$
$\sin^{-1} x, \cos^{-1} x$	$ x \leq 1$
$\tan^{-1} x, \sqrt[3]{x}$	$ x < 10^{100}$
$\ln x, \log x, \log_a x$	$10^{-99} \leq x < 10^{100}, 10^{-99} \leq a < 10^{100} (a \neq 1)$
y^x	$y > 0: -10^{100} < x \log y < 100$ $y = 0: 0 < x < 10^{100}$ $y < 0: x = n$ $(0 < x < 1: \frac{1}{x} = 2n - 1, x \neq 0)$ $-10^{100} < x \log y < 100$
$\sqrt{x}, \sqrt[3]{x}$	$y > 0: -10^{100} < \frac{1}{x} \log y < 100 (x \neq 0)$ $y = 0: 0 < x < 10^{100}$ $y < 0: x = 2n - 1$ $(0 < x < 1: \frac{1}{x} = n, x \neq 0)$ $-10^{100} < \frac{1}{x} \log y < 100$
e^x	$-10^{100} < x \leq 230,2585092$
10^x	$-10^{100} < x < 100$
$\sinh x, \cosh x, \tanh x$	$ x \leq 230,2585092$
$\sinh^{-1} x$	$ x < 10^{50}$
$\cosh^{-1} x$	$1 \leq x < 10^{50}$
$\tanh^{-1} x$	$ x < 1$
x^2	$ x < 10^{50}$
x^3	$ x < 2,15443469 \times 10^{33}$
\sqrt{x}	$0 \leq x < 10^{100}$
x^{-1}	$ x < 10^{100} (x \neq 0)$
n!	$0 \leq n \leq 69$
nCr	$0 \leq r \leq n \leq 9999999999$
R.Int(m, n)	$ m \leq 9999999999$ $ n \leq 9999999999$ $m < n, n - m < 10^{10}$

* m, n, r: integer

Information on the Disposal of this Equipment and its Batteries

ENGLISH

Attention: Your product is marked with this symbol. It means that used electrical and electronic products should not be mixed with general household waste. There is a separate collection system for these products.

Information on the Disposal of this Equipment and its Batteries

1. In the European Union

Attention: If you want to dispose of this equipment, please do not use the ordinary dust bin! Used electrical and electronic equipment must be treated separately and in accordance with legislation that requires proper treatment, recovery and recycling of used electrical and electronic equipment.

Following the implementation by member states, private households within the EU states may return their used electrical and electronic equipment to designated collection facilities free of charge. In some countries, your local retailer may also take back your old product free of charge if you purchase a similar new one.

If you used electrical or electronic equipment has batteries or accumulators, please dispose of these separately beforehand according to local requirements.

By disposing of this product correctly you will help ensure that the waste undergoes the necessary treatment, recovery and recycling and thus prevent potential negative effects on the environment and human health which could otherwise arise due to inappropriate waste handling.

2. In other Countries outside the EU

If you wish to discard this product, please contact your local authorities and ask for the correct method of disposal.

Manufactured by:
SHARP CORPORATION
1 Takumi-cho, Sakai-ku, Sakai City,
Osaka 590-8522, Japan

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MORAVIA Consulting spol. s r.o.
Olomoucká 83, 627 00 Brno, Czech Republic

For UK only:
Imported into UK by:
MORAVIA Europe Ltd.
Belmont House, Station Way, Crawley,
West Sussex RH10 1JA, Great Britain