

CALCULATION EXAMPLES
EXEMPLES DE CALCUL
ANWENDUNGSBEISPIELE
EJEMPLOS DE CÁLCULO
ESEMPLI DI CALCOLO
REKENVOORBEELDEN
PÉLDASZÁMÍTÁSOK
PŘÍKLADY VÝPOČTŮ
RÁKNEEXEMPEL
LASKENTAESIMERKKEJÄ
UDREGNINGSEKSEMPLER

ตัวอย่างการคำนวณ
نماذج للحسابات
CONTOH-CONTOH PERHITUNGAN
계산 예

SHARP CORPORATION

PRINTED IN CHINA / IMPRIMÉ EN CHINE / IMPRESO EN CHINA
07HGK (TINSZ1308EHZZ)

1 [SETUP]

100000 + 3 = 33'333.33333
[1] [0] [2] 33'333.33
[1] [1] [2] 3.3E04
[1] [2] [2] 33.33E03
[1] [3] 33'333.33333
3 + 1000 = 1003
[1] [4] 3.E-03
[1] [3] 0.003

2 [CHANGE]

2/5 + 3/4 = 17/20
23/20 = 1.15
1/3 = 0.333333333
sqrt(3) * sqrt(5) = sqrt(15)
sqrt(2) + 3 + sqrt(5) + 5 = 3*sqrt(5) + 5*sqrt(2) + 8

13 [BIN] [PEN] [OCT] [HEX] [DEC] [NEG] [NOT] [AND] [OR] [XOR] [XNOR]

DEC (25) -> BIN 11001
HEX (1AC) 1A C
BIN (110101100)
PEN (3203)
OCT (654)
DEC (428)

(1010 - 100) * 11 = 10811
BIN (1111) -> NEG (111)
BIN (1111111001)

HEX (1FF) + OCT (512) = 1511
HEX (?) HEX 349

2FEC - 2C9E -> M1 34E
+ 2000 - 1901 -> M2 6FF
M = 44D

1011 AND 101 = 1
5A OR C3 = DB
NOT 10110 = 01001
24 XOR 4 = 20
B3 XNOR 2D = FFFF

HEX (1AC)
2FEC - 2C9E -> M1 34E
+ 2000 - 1901 -> M2 6FF
M = 44D

1011 AND 101 = 1
5A OR C3 = DB
NOT 10110 = 01001
24 XOR 4 = 20
B3 XNOR 2D = FFFF

HEX (1AC)
2FEC - 2C9E -> M1 34E
+ 2000 - 1901 -> M2 6FF
M = 44D

HEX (1AC)
2FEC - 2C9E -> M1 34E
+ 2000 - 1901 -> M2 6FF
M = 44D

HEX (1AC)
2FEC - 2C9E -> M1 34E
+ 2000 - 1901 -> M2 6FF
M = 44D

HEX (1AC)
2FEC - 2C9E -> M1 34E
+ 2000 - 1901 -> M2 6FF
M = 44D

HEX (1AC)
2FEC - 2C9E -> M1 34E
+ 2000 - 1901 -> M2 6FF
M = 44D

HEX (1AC)
2FEC - 2C9E -> M1 34E
+ 2000 - 1901 -> M2 6FF
M = 44D

HEX (1AC)
2FEC - 2C9E -> M1 34E
+ 2000 - 1901 -> M2 6FF
M = 44D

HEX (1AC)
2FEC - 2C9E -> M1 34E
+ 2000 - 1901 -> M2 6FF
M = 44D

HEX (1AC)
2FEC - 2C9E -> M1 34E
+ 2000 - 1901 -> M2 6FF
M = 44D

HEX (1AC)
2FEC - 2C9E -> M1 34E
+ 2000 - 1901 -> M2 6FF
M = 44D

HEX (1AC)
2FEC - 2C9E -> M1 34E
+ 2000 - 1901 -> M2 6FF
M = 44D

HEX (1AC)
2FEC - 2C9E -> M1 34E
+ 2000 - 1901 -> M2 6FF
M = 44D

HEX (1AC)
2FEC - 2C9E -> M1 34E
+ 2000 - 1901 -> M2 6FF
M = 44D

HEX (1AC)
2FEC - 2C9E -> M1 34E
+ 2000 - 1901 -> M2 6FF
M = 44D

sin 45 = 0.707106781
2cos^-1(0.5) [rad] = 2/3 * pi = 2.094395102

3(5+2) = 21
3 * 5 + 2 = 17
(5+3) * 2 = 16
3(5+2) = 21
3 * 5 + 2 = 17
(5+3) * 2 = 16
3(5+2) = 21
3 * 5 + 2 = 17
(5+3) * 2 = 16

45 + 285 + 3 = 140
(18+6) + (15-8) = 3 3/7
42 * -5 + 120 = -90
(5 * 10^3) + (4 * 10^-3) = 1'250'000

34 + 57 = 91
45 + 57 = 102
68 * 25 = 1'700
68 * 40 = 2'720

sin 60 [°] = sqrt(3)/2 = 0.866025403
cos pi/4 [rad] = sqrt(2)/2 = 0.707106781
tan^-1 [g] = 50

(cosh 1.5 + sinh 1.5)^2 = 20.08553692
tanh^-1 5/7 = 0.895879734
ln 20 = 2.995732274
log 50 = 1.698970004
log 16384 = 14

e^3 = 20.08553692
1 + e = 3.67879441
10^1.7 = 50.11872336
1/6 + 1/7 = 13/42 = 0.309523809

8^-2 - 3^4 * 5^2 = -2024.63/64
129599/64 = -2'024.984375

LINE 8 y^x (-) 2 = -2024.984375
LINE 3 y^x 4 X 5 = -2024.984375
LINE 12 y^x 3 = 6.447419591
LINE 12 y^x 3 = 6.447419591
LINE 8^3 = 512
LINE sqrt(49) - sqrt(81) = -4

LINE sqrt(49) = 7
LINE sqrt(49) = 7
LINE sqrt(27) = 3
LINE 4! = 24
LINE 10P3 = 720
LINE 5C2 = 10
LINE 500 * 25% = 125
LINE 120 + 400 = 7% = 30
LINE 500 + (500 * 25%) = 625
LINE 400 - (400 * 30%) = 280

LINE |5 - 9| = 4
LINE 2ndF abs () 5 = 9

LINE 8 * 2 = M 16
LINE 24 / (8 * 2) = 1 1/2
LINE (8 * 2) * 5 = 80
LINE 0 -> M 0
LINE \$150 * 3 -> M1 450
LINE +) \$250: M1 + 250 -> M2 250
LINE -) M2 * 5% = 35
LINE M = 665
LINE \$1 = ¥110 (110 -> Y) 110
LINE ¥26,510 = \$? 26510 () ALPHA (Y) 241
LINE \$2,750 = ¥? 2750 (X) ALPHA (Y) 302'500

LINE r = 3 cm (r -> Y) 3
LINE pi * r^2 = ? 28.27433388
LINE 24 / (4 + 6) = 2 2/5
LINE 3 * (A) + 60 + (A) = 32 1/5
LINE pi * r^2 -> F1 3
LINE r = 3 cm (r -> Y) 3
LINE V = ? 37.69911184
LINE sinh^-1 -> D1 0.481211825

LINE integral from 2 to 6 of (x^2 - 5) dx = 14
LINE n = 100 = 138
LINE n = 10 = 138
LINE integral from -1 to 1 of (x^2 - 1) dx = -2/3
LINE integral from -1 to 1 of (x^2 - 1) dx = -2/3

LINE integral from 1 to 2 of (1/x) dx = 0.693147181
LINE integral from 1 to 2 of (1/x) dx = 0.693147181

14 [DNST] [CONV]

V0 = 15.3 m/s t = 10 s
Vot + 1/2 gt^2 = ? m 64.33325
125 yd = ? m 114.3

- Physical constants and metric conversions are shown in the tables.
Les constantes physiques et les conversions des unités sont indiquées sur les tableaux.
Fyzikálne konštanty a metrické soustavy jsou uvedeny v tabulce.
Fysikaliska konstanter och metriskä omvandlingar visas i tabellerna.
Fysikaaliset vakiot ja metrimuunnokset näkyvät taulukoista.
Fysiske konstanter og metriske omskrivninger vises i tabellen.
ค่าคงที่ทางฟิสิกส์และการแปลงหน่วยมีแสดงไว้ในตาราง
الزيات الفيزيائية والوحدات المترية مبيّنة في الجداول
사용 가능한 물리 상수 및 단위 환산 방법은 다음 표와 같습니다.
(CNST) 01-52

Table with 3 columns: 01: c, c0 (m s^-1), 19: mu (J T^-1), 37: eV (J), 02: G (m^3 kg^-1 s^-2), 20: mu_e (J T^-1), 38: t (K), 03: g_n (m s^-2), 21: mu_n (J T^-1), 39: AU (m), 04: m_p (kg), 22: mu_p (J T^-1), 40: pc (m), 05: m_p (kg), 23: mu_n (J T^-1), 41: M^(1/2)(C) (kg mol^-1), 06: m_n (kg), 24: mu_n (J T^-1), 42: h (J s), 07: m_H (kg), 25: lambda_c (m), 43: E_h (J), 08: 1u (kg), 26: lambda_p (m), 44: G_0 (s), 09: e (C), 27: sigma (W m^-2 K^-4), 45: alpha^-1, 10: h (J s), 28: N_A, L (mol^-1), 46: m_p/m_e, 11: k (J K^-1), 29: V_m (m^3 mol^-1), 47: M_H (kg mol^-1), 12: mu_0 (NA^-2), 30: R (J mol^-1 K^-1), 48: lambda_c, n (m), 13: e_0 (F m^-1), 31: F (C mol^-1), 49: c_1 (W m^2), 14: r_e (m), 32: R_K (J mol^-1), 50: c_2 (m K), 15: alpha, 33: -e/m_e (C kg^-1), 51: Z_0 (Omega), 16: a_0 (m), 34: h/2m_e (m^2 s^-1), 52: atm (Pa), 17: R_oo (m^-1), 35: gamma_p (s^-1 T^-1), 18: Phi_0 (Wb), 36: K_J (Hz V^-1), 46: m_p/m_e

x [2ndF] [CONV] 01-44
01: in -> cm 16: kg -> lb 31: cal/r -> J
02: cm -> in 17: °F -> °C 32: J -> cal/r
03: ft -> m 18: °C -> °F 33: hp -> W
04: m -> ft 19: gal (US) -> L 34: W -> hp
05: yd -> m 20: L -> gal (US) 35: ps -> W
06: m -> yd 21: gal (UK) -> L 36: W -> ps
07: mi -> km 22: L -> gal (UK) 37: kgf/cm^2 -> Pa
08: km -> mi 23: fl oz (US) -> mL 38: Pa -> kgf/cm^2
09: n mi -> m 24: mL -> fl oz (US) 39: atm -> Pa
10: m -> mi 25: fl oz (UK) -> mL 40: Pa -> atm
11: acre -> m^2 26: mL -> fl oz (UK) 41: mmHg -> Pa
12: m^2 -> acre 27: cal/r -> J 42: Pa -> mmHg
13: oz -> g 28: J -> cal/r 43: kgf -> N/m
14: g -> oz 29: cal/r -> J 44: N -> kgf -> m
15: lb -> kg 30: J -> cal/r

17 [MATH] (ENG)

100 m x 10 k = ? 1000
18 (MATH) (3) (4) (X) 1800

18 [MDF] [SETUP]
-> [FIX, TAB = 1] 0.0
5 + 9 = ANS 5/9
ANS x 9 = 5
5 + 9 = ANS 5/9

ANS x 9 = 5
5 + 9 = ANS 5/9
-> [MDF] 3/5
ANS x 9 = 5 2/5
-> [NORM1] 5.4

5 + 9 = ANS 5/9
ANS x 9 = 5
5 + 9 = ANS 5/9

ANS x 9 = 5
5 + 9 = ANS 5/9
-> [MDF] 3/5
ANS x 9 = 5 2/5
-> [NORM1] 5.4

5 + 9 = ANS 5/9
ANS x 9 = 5
5 + 9 = ANS 5/9

5 + 9 = ANS 5/9
ANS x 9 = 5
5 + 9 = ANS 5/9

5 + 9 = ANS 5/9
ANS x 9 = 5
5 + 9 = ANS 5/9

5 + 9 = ANS 5/9
ANS x 9 = 5
5 + 9 = ANS 5/9

5 + 9 = ANS 5/9
ANS x 9 = 5
5 + 9 = ANS 5/9

5 + 9 = ANS 5/9
ANS x 9 = 5
5 + 9 = ANS 5/9

5 + 9 = ANS 5/9
ANS x 9 = 5
5 + 9 = ANS 5/9

5 + 9 = ANS 5/9
ANS x 9 = 5
5 + 9 = ANS 5/9

5 + 9 = ANS 5/9
ANS x 9 = 5
5 + 9 = ANS 5/9

5 + 9 = ANS 5/9
ANS x 9 = 5
5 + 9 = ANS 5/9

5 + 9 = ANS 5/9
ANS x 9 = 5
5 + 9 = ANS 5/9

5 + 9 = ANS 5/9
ANS x 9 = 5
5 + 9 = ANS 5/9

5 + 9 = ANS 5/9
ANS x 9 = 5
5 + 9 = ANS 5/9

d(x^4 - 0.5x^3 + 6x^2) / dx = 4x^3 - 1.5x^2 + 12x
x = 2, dx = 0.00002, 50
x = 3, dx = 0.001, 130.5000029

LINE 8 y^x (-) 2 = -2024.984375
LINE 3 y^x 4 X 5 = -2024.984375
LINE 12 y^x 3 = 6.447419591
LINE 12 y^x 3 = 6.447419591
LINE 8^3 = 512
LINE sqrt(49) - sqrt(81) = -4
LINE sqrt(49) = 7
LINE sqrt(49) = 7
LINE sqrt(27) = 3
LINE 4! = 24
LINE 10P3 = 720
LINE 5C2 = 10
LINE 500 * 25% = 125
LINE 120 + 400 = 7% = 30
LINE 500 + (500 * 25%) = 625
LINE 400 - (400 * 30%) = 280

LINE |5 - 9| = 4
LINE 2ndF abs () 5 = 9
LINE 8 * 2 = M 16
LINE 24 / (8 * 2) = 1 1/2
LINE (8 * 2) * 5 = 80
LINE 0 -> M 0
LINE \$150 * 3 -> M1 450
LINE +) \$250: M1 + 250 -> M2 250
LINE -) M2 * 5% = 35
LINE M = 665
LINE \$1 = ¥110 (110 -> Y) 110
LINE ¥26,510 = \$? 26510 () ALPHA (Y) 241
LINE \$2,750 = ¥? 2750 (X) ALPHA (Y) 302'500

LINE r = 3 cm (r -> Y) 3
LINE pi * r^2 = ? 28.27433388
LINE 24 / (4 + 6) = 2 2/5
LINE 3 * (A) + 60 + (A) = 32 1/5
LINE pi * r^2 -> F1 3
LINE r = 3 cm (r -> Y) 3
LINE V = ? 37.69911184
LINE sinh^-1 -> D1 0.481211825

LINE integral from 2 to 6 of (x^2 - 5) dx = 14
LINE n = 100 = 138
LINE n = 10 = 138
LINE integral from -1 to 1 of (x^2 - 1) dx = -2/3
LINE integral from -1 to 1 of (x^2 - 1) dx = -2/3

LINE integral from 1 to 2 of (1/x) dx = 0.693147181
LINE integral from 1 to 2 of (1/x) dx = 0.693147181

LINE integral from 1 to 2 of (1/x) dx = 0.693147181
LINE integral from 1 to 2 of (1/x) dx = 0.693147181

18 [MATH] (-), P, Q, R)

P(t) = 1/sqrt(2pi) * integral from -infinity to t of e^-x^2 dx (t >= 0)
Q(t) = 1/sqrt(2pi) * integral from t to infinity of e^-x^2 dx (t >= 0)
R(t) = 1/sqrt(2pi) * integral from -infinity to t of e^-x^2 dx (t < 0)
R(t) = 1/sqrt(2pi) * integral from t to infinity of e^-x^2 dx (t < 0)

DATA MODE 1 1 Stat 1 [LINE]
x y
2 5
2 5
12 24
21 40
21 40
15 25
a = 1.050261097
b = 1.826044386
r = 0.995176343
sx = 8.541216597
sy = 15.67223812
x = 3 -> y' = ? 3 3y' 3y' 3y' 6.528394256
y = 46 -> x' = ? 46 2ndF (X') 46x' 24.61590706

DATA MODE 1 2 Stat 2 [QUAD]
x y
12 41
8 13
5 2
23 200
15 71
a = 5.357506761
b = -3.120289663
c = 0.503334057
x = 10 -> y' = ? 10 2ndF (Y') 10y' 24.4880159
y = 22 -> x' = ? 22 2ndF (X') 22x' 9.63201409
2: -3.432722026

DATA MODE 1 0 Stat 0 [SD]
x F
20 1
30 3
40 5
50 8
60 13
70 10
80 7
90 3
x-bar = 60.4
sigma_x = 16.48757108
x = 35 -> P(t)? 0.061713
x = 75 -> Q(t)? 0.312061
x = 85 -> R(t)? 0.067845
t = 1.5 -> R(t)? 0.066807

MODE 3
(12 - 6i) + (7 + 15i) = 12 () 6 () i () + 7 () + 15 () i ()
= (11 + 4i) = 8 + 5.3i
6 * (7 - 9i) + (-5 + 8i) = 6 (X) () () 7 () - 9 () i () ()
+ (-5 () + 8 () i ()) = 22 + 60.3i
16 * (sin 30° + i cos 30°) + (sin 60° + i cos 60°) = 16 (X) () () sin 30 () () + i () () cos 30 () ()
+ (sin 60 () + i cos 60 ()) = 13.85640646 + 8.3i
y = 8, theta = 70°
y = 12, theta = 25°
-> r = ?, theta = ?
1 + i -> r = ?, theta = ?
2 - 3i)^2 = -5 - 12.3i
1 + i = 0.5 - 0.5i
CONJ(5 + 2i) = 5 - 2i

DATA MODE 1 0 Stat 0 [SD]
x F
20 1
30 3
40 5
50 8
60 13
70 10
80 7
90 3
x-bar = 60.4
sigma_x = 16.48757108
x = 35 -> P(t)? 0.061713
x = 75 -> Q(t)? 0.312061
x = 85 -> R(t)? 0.067845
t = 1.5 -> R(t)? 0.066807

DATA MODE 1 0 Stat 0 [SD]
x F
20 1
30 3
40 5
50 8
60 13
70 10
80 7
90 3
x-bar = 60.4
sigma_x = 16.48757108
x = 35 -> P(t)? 0.061713
x = 75 -> Q(t)? 0.312061
x = 85 -> R(t)? 0.067845
t = 1.5 -> R(t)? 0.066807

DATA MODE 1 0 Stat 0 [SD]
x F
20 1
30 3
40 5
50 8
60 13
70 10
80 7
90 3
x-bar = 60.4
sigma_x = 16.48757108
x = 35 -> P(t)? 0.061713
x = 75 -> Q(t)? 0.312061
x = 85 -> R(t)? 0.067845
t = 1.5 -> R(t)? 0.066807

