

Canon

F-502G

*Scientific Calculator /
Wissenschaftlicher Rechner /
Calculatrice scientifique /
Calculadora científica /
Calcolatrice scientifica /
Wetenschappelijke calculator /
Matematikregner /
Funktio-laskin /
Vetenskaplig räknare /
Calculadora científica /
Επιστημονική υπολογιστική μηχανή*

- E** Calculation Examples
- D** Beispiele für Berechnungen
- F** Exemples de calcul
- ES** Ejemplos de cálculo
- I** Esempi di calcolo
- NL** Rekenvoorbeelden
- DA** Regneeksempler
- FI** Laskentaesimerkkejä
- SE** Beräkningsexempel
- PT** Exemplos de cálculos
- ΕΛ** Παραδείγματα υπολογισμών

**1. Decimal Calculations (Degree Mode) /
 Dezimalrechnungen (Betriebsart Degree) / Calculs De
 Décimales (Mode Degré) / Cálculos Decimales (Modo
 De Grados) / Calcoli Decimali (Modalità Gradi) /
 Decimale Berekeningen (Modus Graden) /
 Decimalberegninger (Graderstatus) / Desimaalilaskut
 (Kulmalaskentatila) / Decimalberäkningar (Grادلäge) /
 Cálculos Decimais (Modo De Graus) / ΥΠΟΛΟΓΙΣΜΟΙ
 ΔΕΚΑΔΙΚΩΝ (ΚΑΤΑΣΤΑΣΗ ΛΕΙΤΟΥΡΓΙΑΣ ΜΟΙΡΩΝ)**

E Initial mode setting:

Calculation Mode: Decimal Degree Mode
 (DEG)

Display Mode*: Floating Mode

Decimal Point: Resetting
 (0.)

* Other Mode : Scientific / Engineering Exponential

D Anfangseinstellung der Betriebsart:

Rechenart: Dezimale Betriebsart
 (DEG)

Anzeigeart*: Fließbetriebsart

Dezimalpunkt: Rückstellung
 (0.)

* Andere Betriebsart: Wissenschaftlich/Technisch
 exponential

F Paramètre de mode initial :


Mode de calcul : Mode de degré de décimale
 (DEG)

Mode d'affichage* : Mode flottant

Virgule décimale : Réinitialisation
 (0.)

* Autre mode : Exponentiel scientifique / ingénierie

ES Ajuste inicial del modo:



Modo de cálculo: modo de grados decimales
 (DEG)

Modo de pantalla*: modo flotante




Punto decimal: restablecer
 (0.)

* Otro modo: exponencial científico / ingeniería

I Impostazione modalità iniziale:



Modalità di calcolo: modalità gradi decimale
  (DEG)

Modalità di visualizzazione*: modalità di notazione
decimale con virgola
mobile




Separatore decimale: reimpostazione
   (0.)

* Altra modalità: notazione tecnica/scientifica
esponenziale

NL Oorspronkelijke modusinstelling:



Berekeningsmodus: Modus Decimale Graden
  (DEG)

Displaymodus*: Modus Normaal




Decimale punt: Resetten
   (0.)

* Andere modus: Wetenschappelijke / technische
exponenten

DA Indledende statusindstilling:



Regnestatus: Decimalgraderstatus
  (DEG)

Displaystatus*: Flydende status



Decimalpunkt: Nulstilling
   (0.)

* Anden status: Eksponentiel / metrisk notation

FI Tila-asetukset:

Laskentatila: Desimaalilaskut,
kulmalaskentatila
  (DEG)

Näyttötila*: Liikkuva

Desimaalierotin: Edellisen asetuksen nollaus
   (0.)

* Muu tila: Tieteellinen/tekninen esitystapa

SE Startinställning:



Beräkningsläge: Decimalt gradläge
  (DEG)

Visningsläge*: Flyttalsläge

Decimalkomma: Återställning
   (0.)

* Annat läge: Vetenskapligt/tekniskt exponentläge

PT Programação do modo inicial:

Modo de cálculo: Modo de graus decimais
  (DEG)

Modo de visualização*: Modo flutuante

Vírgula decimal: Reposição
   (0.)

* Outro Modo: Exponencial científico / engenharia


ΕΛ Ρύθμιση αρχικής κατάστασης λειτουργίας:

Κατάσταση Λειτουργίας Κατάσταση Λειτουργίας
 Υπολογισμού: Δεκαδικών Μοιρών

  (DEG)

















Κατάσταση Κατάσταση Λειτουργίας

Λειτουργίας Οθόνης*: Κινητής Υποδιαστολής




Υποδιαστολή: Επαναφορά
   (0.)

* Άλλη Κατάσταση Λειτουργίας : Επιστημονική / Μηχανική Εκθετική

































**Display Mode Exchange / Anzeigear Austausch /
 Changement de mode d'affichage / Cambio de modo de
 pantalla / Modifica della modalità di visualizzazione /
 Wisseling displaymodus / Udveksling af displaystatus /
 Näyttötilan vaihtaminen / Ändra visningsläge / Alternar modo
 de visualizaçao / Εναλλαγή Κατάστασης Λειτουργίας Οθόνης**

Operation 	Display 	Explanation 
	0.	Floating Mode
  		
		
  	1230.	
	1.23 ⁰³	Scientific Exponential Mode
	1.23 ⁰³	Engineering Exponential Mode
	1230. ⁰⁰	
	1230000. ⁻⁰³	
 	1230. ⁰⁰	Reverse Engineering Exponential


















**Decimal Point Selection / Dezimalpunktwahl /
Sélection de virgule décimale / Selección del punto
decimal / Selezione delle posizioni decimali /
Decimalepunctselectie / Valg af decimalpunkt /
Desimaalierottimen asettaminen / Ange antal
decimaler / Selecção da vírgula decimal / Επιλογή
Υποδιαστολής**

Operation 	Display 	Explanation 
2ndF <input type="checkbox"/> FIX <input type="checkbox"/> 3 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> x <input type="checkbox"/> . <input type="checkbox"/> 0 <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> = 2ndF <input type="checkbox"/> FIX <input type="checkbox"/> 0 2ndF <input type="checkbox"/> FIX <input type="checkbox"/> 5 2ndF <input type="checkbox"/> FIX <input type="checkbox"/> .	0.000 123456789.0 123456.789 123457. 123456.7890 123456.789	3 decimal places 0 decimal places 5 decimal places Reset decimal places




Complex Number Calculation / Rechnung mit komplexen Zahlen / Calcul de nombres complexes / Cálculo de número complejo / Calcoli con numeri complessi / Berekening van complexe getallen / Beregning af komplekse tal / Kompleksilukujen laskutoimitukset / Beräkningar med komplexa tal / Cálculo de números complexos / Υπολογισμός Σύνθετου Αριθμού

Example 	Operation 	Display 
$(12 - 3i) - (4 + 7i)$ $= 8 - 10i$	2ndF                	(CPLX) 8. -10.
<hr/> $(6 - 7i) \times (-8 + 9i)$ $= 15 + 110i$	<hr/>             	<hr/> 15. 110.




Addition and Subtraction / Addition und Subtraktion / Addition et soustraction / Suma y resta / Addizione e sottrazione / Optellen en aftrekken / Addition og subtraktion / Yhteen- ja vähennyslaskut / Addition och subtraktion / Adição e subtracção / Πρόσθεση και Αφαίρεση

Example 	Operation 	Display 
$8 + 3 + 5.5 = 16.5$	       	16.5
$4 - 7 - 3 = -6$	     	-6




Multiplication and Division / Multiplikation und Division / Multiplication et division / Multiplicación y división / Moltiplicazione e divisione / Vermenigvuldigen en delen / Multiplikation og division / Kerto- ja jakolaskut / Multiplikation och division / Multiplicação e divisão / Πολλαπλασιασμός και Διαίρεση

Example 	Operation 	Display 
$3.6 \times 1.7 = 6.12$	$3 \cdot 6 \times 1 \cdot 7 =$	6.12
$592 \div 4.8 =$ 123.3333333	$5 \cdot 9 \cdot 2 \div 4 \cdot 8 =$	123.3333333




Mixed Calculations / Mischrechnungen / Calculs mixtes / Cálculos mixtos / Calcoli misti / Gemengde berekeningen / Blandede beregninger / Yhdistelmälaskutoimitukset / Blandade beräkningar / Cálculos mistos / Μικτοί Υπολογισμοί

Example 	Operation 	Display 
$3 + 5 \times 7 = 38$	$3 + 5 \times 7 =$	38.
$6 \times 9 + 3 \div 2 =$ 55.5	$6 \times 9 + 3 \div 2 =$	55.5




Exponential Calculations / Exponentialrechnungen / Calculs exponentiels / Cálculos exponenciales / Calcoli esponenziali / Berekening met exponenten / Eksponentialberegninger / Potenssilaskut / Beräkningar med exponenter / Cálculos exponenciais / Εκθετικοί Υπολογισμοί

Example 	Operation 	Display 
$(321 \times 10^{-14}) \times$ $(65 \times 10^{28}) =$ 2.0865×10^{18}	$3 \cdot 2 \cdot 1 \text{ EXP } 1 \cdot 4 \text{ (-)} \times 6 \cdot 5 \text{ EXP } 2 \cdot 8 =$	2.0865^{18}





**Fractional Calculations / Bruchrechnungen /
 Calculs de fractions / Cálculos de fracciones /
 Calcoli frazionari / Berekeningen met breuken /
 Brøkregning / Murtolukulaskut / Bråkberäkningar /
 Cálculos fraccionais / Κλασματικοί Υπολογισμοί**

Example 	Operation 	Display 
$\frac{2}{3} + 3\frac{4}{7} - \frac{5}{4} = 2\frac{83}{84}$	$\boxed{2} \text{ a/b/c} \boxed{3} \boxed{+} \boxed{3} \text{ a/b/c}$ $\boxed{4} \text{ a/b/c} \boxed{7} \boxed{-} \boxed{5} \text{ a/b/c}$ $\boxed{4} \boxed{=}$	2┘83┘84.
$(\frac{3}{5} + 2\frac{3}{8}) \times \frac{2}{5} \div 2 - 1 = -\frac{81}{200}$	$\boxed{(} \boxed{3} \text{ a/b/c} \boxed{5} \boxed{+} \boxed{2}$ $\text{ a/b/c} \boxed{3} \text{ a/b/c} \boxed{8} \boxed{)} \boxed{\times}$ $\boxed{2} \text{ a/b/c} \boxed{5} \boxed{\div} \boxed{2} \boxed{-}$ $\boxed{1} \boxed{=}$	-81┘200.




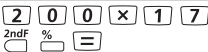

**Constant Calculations / Konstante Rechnungen /
 Calculs de constantes / Cálculos de constantes /
 Calcoli con costanti / Berekeningen van
 constanten / Konstant-beregninger /
 Kokonaislukulaskut / Konstantberäkningar /
 Cálculos constantes / Υπολογισμοί Σταθερών**

Example 	Operation 	Display 
$2 + \underline{3} = 5$	$\boxed{2} \boxed{+} \boxed{3} \boxed{=}$	5.
$4 + \underline{3} = 7$	$\boxed{4} \boxed{+} \boxed{3} \boxed{=}$	7.
$1 - \underline{2} = -1$	$\boxed{1} \boxed{-} \boxed{2} \boxed{=}$	-1.
$2 - \underline{2} = 0$	$\boxed{2} \boxed{-} \boxed{2} \boxed{=}$	0.
$\underline{3} \times 2 = 6$	$\boxed{3} \boxed{\times} \boxed{2} \boxed{=}$	6.
$\underline{3} \times 4 = 12$	$\boxed{3} \boxed{\times} \boxed{4} \boxed{=}$	12.
$6 \div \underline{3} = 2$	$\boxed{6} \boxed{\div} \boxed{3} \boxed{=}$	2.
$9 \div \underline{3} = 3$	$\boxed{9} \boxed{\div} \boxed{3} \boxed{=}$	3.




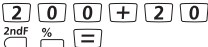
**Parentheses Calculations / Klammerrechnungen /
 Calculs avec parenthèses / Cálculos con
 paréntesis / Calcoli con parentesi / Berekeningen
 tussen haakjes / Regning med parenteser /
 Sulkeissa olevien lukujen laskutoimitukset /
 Parentesberäkningar / Cálculos de parêntesis /
 Υπολογισμοί Παρενθέσεων**

Example 	Operation 	Display 
$3 + [(4 - 3.6 + 5) \times 0.8 - 6] \times 4.2 =$ -4.056		-4.056




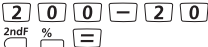
**Percentage & Constant Percentage Calculations /
 Prozentrechnung & Prozentrechnungen mit
 Konstante / Calculs de pourcentages et de
 pourcentages de constantes / Cálculos de
 porcentajes y porcentajes constantes / Calcoli di
 percentuale e di percentuale costante /
 Berekeningen van percentages & constante
 percentages / Procentregning og
 konstantprocentregning / Prosenttilaskut / Procent-
 och konstanta procentberäkningar / Cálculos de
 percentagem e percentagem constante /
 Υπολογισμοί Ποσοστών & Σταθερών Ποσοστών**

Example 	Operation 	Display 
$200 \times 17\% = 34$		34.
$\frac{456}{789} \times 100 =$ 57.79467681%		57.79467681




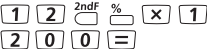

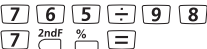

Add-On (Mark Up) Calculation / Zuschlagsrechnung (Bruttorechnung) / Calcul majoré (avec marge) / Cálculo de adiciones / Calcolo di aggiunta di percentuale / Berekening van toeslagen / Tillægs- (prisforhøjelse) beregning / Prosenttiosuuden lisäys / Beräkning av tillägg (pålägg) / Cálculo de adição (marcação) / Υπολογισμός Πρόσθεσης (Αύξησης)

Example 	Operation 	Display 
$200 + (200 \times 20\%)$ $= 240$		<p style="text-align: right;">240.</p>




Discount Calculation / Abschlagsrechnung / Calcul de remise / Cálculo de descuentos / Calcolo di sconto / Berekening van kortingen / Rabatberegning / Alennuksen laskeminen / Rabattberäkning / Cálculo de desconto / Υπολογισμοί Έκπτωσης

Example 	Operation 	Display 
$200 - (200 \times 20\%)$ $= 160$		<p style="text-align: right;">160.</p>




**Constant Percentage Calculations /
 Prozentrechnung mit Konstanten / Calculs de
 pourcentage avec facteur constant / Cálculos de
 porcentajes constantes / Calcoli della percentuale
 con costante / Berekeningen met constante
 percentages / Regning med konstant procent /
 Vakioprosenttilaskenta / Procentberäkning med
 konstant / Cálculos de percentagens de
 constantes / Υπολογισμοί Σταθερών Ποσοστών**

Example 	Operation 	Display 
$12\% \times 1200 = 144$		<p style="text-align: right;">144.</p>
$12\% \times 1500 = 180$		<p style="text-align: right;">180.</p>
$\frac{765}{987} \times 100\% =$ 77.50759878%		<p style="text-align: right;">77.50759878</p>
$\frac{654}{987} \times 100\% =$ 66.26139818%		<p style="text-align: right;">66.26139818</p>




Independent Memory Operation / Independent Memory Aktion / Fonctionnement indépendant de la mémoire / Operación de memoria independiente / Operazioni con la memoria indipendente / Bewerking met onafhankelijk geheugen / Uafhængig hukommelsesindtastning / Muistiin tallentaminen / Oberoende minnesåtgärder / Operação de memória independente / Πράξη Ανεξάρτητης Μνήμης

Operation 	Display 	Memory contents	Explanation 
1 2 3	123.	0	Enter 123
M+	M 123.	123	Store 123
4 5 6 M+	M 456.	579	Add 456
MR	M 579.	579	Recall from memory
7 8 9	M 789.	579	Enter 789
X-M	M 789.	789	Replace memory with display
ON/C	M 0.	789	Clear display
X-M	0.	0	Clear memory

Memory Calculations / Speicherrechnungen / Calculs de mémoire / Cálculos de memoria / Calcoli con la memoria / Geheugenberekeningen / Beregninger med brug af hukommelse / Laskeminen muistin avulla / Minnesberäkningar / Cálculos de memória / Υπολογισμοί Μνήμης

Example 	Operation 	Display 
	ON/C X-M	0.
20 x 30 = 600	2 0 x 3 0 =	
	M+	M 600.
40 x 50 = 2000	4 0 x 5 0 =	
	M+	M 2000.
+) 15 x 20 = 300	1 5 x 2 0 =	
	M+	M 300.
2900	MR	M 2900.
-) 125 x 40 = -5000	1 2 5 x 4 0 =	
	= (-) M+	M -5000.
-2100	MR	M -2100.
	ON/C X-M	0.

Composition Ratio Calculations / Prozentuale Verteilungsrechnung / Calculs de ratios de composition / Cálculos de proporción de composición / Calcoli di rapporto composizione / Berekeningen met verhoudingen / Forholdsregning / Prosenttiosuuslaskut / Fördelningsberäkningar / Cálculos de rácios de composição / Υπολογισμοί Λόγου Σύνθεσης

Example 	Operation 	Display 
A 125 (25%)	1 2 5 +	
B 185 (37%)	1 8 5 +	
C 190 (38%)	1 9 0 = M+	M 500.
500 (100%)	1 2 5 ÷ MR	
	2ndF % =	
	X-M	M 25.
	1 8 5 = M+	M 37.
	1 9 0 = M+	M 38.
	MR	M 100.

**2. Binary/Octal/Hexadecimal Calculations /
Binär-/Oktal-/Hexadezimalrechnungen / Calculs
binaires/octaux/hexadécimaux / Cálculos
binarios/octales/hexadecimales / Calcoli nel sistema
numerico binario/ottale/esadecimale /
Binaire/octale/hexadecimale berekening /
Beregninger med binære/oktale/hexadecimale tal /
Binääri/oktaali/heksadesimaalilaskut /
Binära/oktala/hexadecimala beräkningar / Cálculos
binários/octais/hexadecimais / Υπολογισμοί
Διαδικού/Οκταδικού/ Δεκαεξαδικού Συστήματος**

**Binary Calculations / Binärrechnungen / Calculs binaires /
Cálculos binarios / Calcoli nel sistema numerico binario /
Binaire berekening / Beregninger med binære tal /
Binäärilaskut / Binära beräkningar / Cálculos binários /
Υπολογισμοί Διαδικού Συστήματος**

E Two's Complement Calculation

Enter 1 in binary and subtract 1 three times.

D Zweierkomplementrechnung

Eingabe 1 binär und Subtraktion 1 dreimal.

F Calcul de compléments de deux

Entrer 1 en mode binaire et soustraire 1 trois fois.

ES Cálculo del complemento a dos

Se introduce 1 en binario y se resta 1 tres veces.

I Calcolo del complemento a due

Immettere 1 nel sistema numerico binario e sottrarre 1 tre volte.

NL Berekening met 2-complement

1 binair invoeren 1 driemaal aftrekken.

DA 2-komplementsberegning

Indtast 1 i binær og træk 1 fra tre gange

FI Kahden komplementtilukujen laskutoimitukset

Syötä binääriluku 1 ja vähennä binääriluku 1 kolme kertaa.

SE Beräkning med tvåkomplement













Mata in 1 i binärt och subtrahera 1 tre gånger.




PT Cálculo de complemento de dois









































Introduzir 1 no binário e subtrair 1 três vezes.

ΕΛ Υπολογισμός Συμπληρωματικού Ως Προς Δύο




Εισαγάγετε το 1 στο δυαδικό και αφαιρέστε το 1 τρεις φορές.

Operation 	Display 	Explanation 
        	(BIN) 0. 1. 0. 1111111111. 1111111110.	1 0 -1 -2




• Addition and Subtraction (BIN) / Addition und Subtraktion (BIN) / Addition et soustraction (BIN) / Suma y resta (BIN) / Addizione e sottrazione (BIN) / Optellen en aftrekken (BIN) / Addition og subtraktion (BIN) / Yhteen- ja vähennyslaskut (BIN) / Addition och subtraktion (BIN) / Adição e subtracção (BIN) / Πρόσθεση και Αφαίρεση (BIN):   




Example 	Operation 	Display 
10101011 + 1100 + 1110 = 11000101 11100011 - 10101100 = 110111	                                    	11000101. 110111.

• **Multiplication and Division (BIN) / Multiplikation und Division (BIN) / Multiplication et division (BIN) / Multiplicación y división (BIN) / Moltiplicazione e divisione (BIN) / Vermenigvuldigen en delen (BIN) / Multiplikation og division (BIN) / Kerto- ja jakolaskut (BIN) / Multiplikation och division (BIN) / Multiplicação e divisão (BIN) / Πολλαπλασιασμός και Διαίρεση (BIN)**




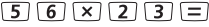
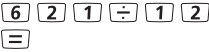
Example 	Operation 	Display 
11 x 1001 = 11011	1 1 x 1 0 0 1 =	11011.
1101110 ÷ 1010 = 1011	1 1 0 1 1 1 0 ÷ 1 0 1 0 =	1011.

Octal Calculations / Oktalrechnungen / Calculs octaux / Cálculos octales / Calcoli nel sistema numerico ottale / Octale berekeningen / Beregninger med oktale tal / Oktaalilukujen laskutoimitukset / Oktala beräkningar / Cálculos octais / Υπολογισμοί Οκταδικού Συστήματος




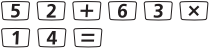
• **Addition and Subtraction (OCT) / Addition und Subtraktion (OCT) / Addition et soustraction (OCT) / Suma y resta (OCT) / Addizione e sottrazione (OCT) / Optellen en aftrekken (OCT) / Addition og subtraktion (OCT) / Yhteen- ja vähennyslaskut (OCT) / Addition och subtraktion (OCT) / Adição e subtracção (OCT) / Πρόσθεση και Αφαίρεση (OCT):**   

Example 	Operation 	Display 
654 + 321 = 1175	6 5 4 + 3 2 1 =	1175.
741 - 357 = 362	7 4 1 - 3 5 7 =	362.




• **Multiplication and Division (OCT) / Multiplikation und Division (OCT) / Multiplication et division (OCT) / Multiplicación y división (OCT) / Moltiplicazione e divisione (OCT) / Vermenigvuldigen en delen (OCT) / Multiplikation og division (OCT) / Kerto- ja jakolaskut (OCT) / Multiplikation och division (OCT) / Multiplicação e divisão (OCT) / Πολλαπλασιασμός και Διαίρεση (OCT)**




Example 	Operation 	Display 
56 x 23 = 1552 621 ÷ 12 = 50	 	1552. 50.

• **Mixed Calculations (OCT) / Gemischte Rechnungen (OCT) / Calculs mixtes (OCT) / Cálculos mixtos (OCT) / Calcoli misti (OCT) / Gemengde berekeningen (OCT) / Blandede beregninger (OCT) / Yhdistelmälaskutoimitukset (OCT) / Blandade beräkningar (OCT) / Cálculos mistos (OCT) / Μικτοί Υπολογισμοί (OCT)**




Example 	Operation 	Display 
52 + 63 x 14 = 1216		1216.

Hexadecimal Calculations / Hexadezimalrechnungen / Calculs hexadécimaux / Cálculos hexadecimales / Calcoli nel sistema numerico esadecimale / Hexadecimale berekeningen / Beregninger med hexadecimale tal / Heksadesimaalilukujen laskutoimitukset / Hexadecimala beräkningar / Cálculos hexadecimais / Υπολογισμοί Δεκαεξαδικού Συστήματος




• Addition and Subtraction (HEX) / Addition und Subtraktion (HEX) / Addition et soustraction (HEX) / Suma y resta (HEX) / Addizione e sottrazione (HEX) / Optellen en aftrekken (HEX) / Addition og subtraktion (HEX) / Yhteen- ja vähennyslaskut (HEX) / Addition och subtraktion (HEX) / Adição e subtração (HEX) / Πρόσθεση και Αφαίρεση (HEX):   

Example 	Operation 	Display 
AAA + BB + C = B71	A A A + B B + C =	b71.
DEF - EFE = FFFFFFFFEF1	D E F - E F E =	FFFFFFFFEF1.

• Multiplication and Division (HEX) / Multiplikation und Division (HEX) / Multiplication et division (HEX) / Multiplicación y división (HEX) / Moltiplicazione e divisione (HEX) / Vermenigvuldigen en delen (HEX) / Multiplikation og division (HEX) / Kerto- ja jakolaskut (HEX) / Multiplikation och division (HEX) / Multiplicação e divisão (HEX) / Πολλαπλασιασμός και Διαίρεση (HEX)



Example 	Operation 	Display 
FEDC x A9 = A83F3C	F E D C x A 9 =	A83F3C.
CA11 ÷ DF = E7	C A 1 1 ÷ D F =	E7.

• Mixed Calculations (HEX) / Gemischte Rechnungen (HEX) / Calculs mixtes (HEX) / Cálculos mixtos (HEX) / Calcoli misti (HEX) / Gemengde berekeningen (HEX) / Blandede beregninger (HEX) / Yhdistelmälaskutoimitukset (HEX) / Blandade beräkningar (HEX) / Cálculos mistos (HEX) / Μικτοί Υπολογισμοί (HEX)



Example 	Operation 	Display 
(AB + 9) x D ÷ F = 9C	(A B + 9) x D ÷ F =	9C.

3. Basic Scientific Calculations / Grundlegende wissenschaftliche Rechnungen / Calculs scientifiques de base / Cálculos científicos básicos / Calcoli scientifici di base / Wetenschappelijke basisberekeningen / Grundlæggende fysiske beregninger / Perusfunktioalaskenta / Grundläggande vetenskapliga beräkningar / Cálculos científicos básicos / Βασικοί Επιστημονικοί Υπολογισμοί




Pi Function / Pi-Funktion / Fonction Pi / Función Pi / Funzione Pi / Pi-functie / Pi-funktion / Pii / Pi-funktioner / Função Pi / Συνάρτηση Pi: π

Example 	Operation 	Display <input type="text" value="1234567890"/>
$\pi \times 10$	$\text{2ndF} \pi \times 10 =$	31.41592654




Trigonometric Functions / Trigonometrische Funktionen / Fonctions trigonométriques / Funciones trigonométricas / Funzioni trigonometriche / Trigonometrische functies / Trigonometriske funktioner / Trigonometriset funktiot / Trigonometriskä funktioner / Funções trigonométricas / Τριγωνομετρικές Συναρτήσεις:

Example 	Operation 	Display <input type="text" value="1234567890"/>
$\sin 53 = 0.79863551$	[DEG mode] <input type="text" value="5"/> <input type="text" value="3"/> <input type="text" value="sin"/>	0.79863551
$\cos \frac{\pi}{6} = 0.866025403$	[RAD mode] $\text{2ndF} \pi \div 6 =$ <input type="text" value="6"/> <input type="text" value="="/> <input type="text" value="cos"/>	0.866025403
$\tan 65^{\text{GRAD}} = 1.631851687$	[GRAD mode] <input type="text" value="6"/> <input type="text" value="5"/> <input type="text" value="tan"/>	1.631851687




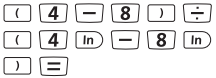

Inverse Trigonometric Functions / Inverse trigonometrische Funktionen / Fonctions trigonométriques inverses / Funciones trigonométricas / Funzioni trigonometriche inverse / Inverse trigonometrische functies / Inverse trigonometriske funktioner / Trigonometriset käänteisfunktiot / Inversa trigonometriska funktioner / Funções trigonométricas inversas / Αντίστροφες Τριγωνομετρικές Συναρτήσεις: \sin^{-1} \cos^{-1} \tan^{-1}

Example 	Operation 	Display 
$\sin^{-1} 0.3 =$ 17.45760312°	[DEG mode] \cdot 3 $\frac{2ndF}{\square}$ \sin^{-1} \square	17.45760312
$\cos^{-1} 0.8 =$ 36.86989765°	[DEG mode] \cdot 8 $\frac{2ndF}{\square}$ \cos^{-1} \square	36.86989765
$\tan^{-1} 1.5 =$ 56.30993247°	[DEG mode] 1 \cdot 5 $\frac{2ndF}{\square}$ \tan^{-1} \square	56.30993247




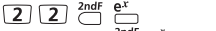



Logarithmic Functions / Logarithmische Funktionen / Fonctions logarithmiques / Funciones logarítmicas / Funzioni logaritmiche / Logarithmische functies / Logaritmfunktioner / Logaritmiset funktiot / Logaritmiska funktioner / Funções de logaritmos / Λογαριθμικές Συναρτήσεις: \log \ln

Example 	Operation 	Display 
$\log 123 =$ 2.089905111	1 2 3 \log	2.089905111
$\ln 123 =$ 4.812184355	1 2 3 \ln	4.812184355




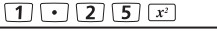

**Logarithmic Mean / Logarithmischer Mittelwert /
 Moyenne logarithmique / Media logarítmica / Media
 logarítmica / Logarithmisch gemiddelde /
 Logaritmsk middelværdi / Logaritminen keskiarvo /
 Logaritmskt medelvärde / Média logarítmica /
 Λογαριθμικός Μέσος:** 

Example 	Operation 	Display 
$L = \frac{4-8}{\ln 4 - \ln 8} =$ 5.770780164	 (4 - 8) ÷ (4 ln - 8 ln) =	 5.770780164




**Exponential Functions / Antilogarithmische
 Funktionen / Fonctions antilogarithmes /
 Funciones de antilogaritmos / Funzioni
 antilogaritmiche / Antilogaritmen /
 Antilogaritmefunktioner / Vastalogaritmifunktiot /
 Inmatning / Funções de antilogaritmos /
 Συναρτήσεις Αντιλογάριθμων :** e^x / 10^x




Example 	Operation 	Display 
$e^{22} = 3584912846$	 2 2 ^{2ndF} e ^x	 3584912846
$10^{2.3} = 199.5262315$	 2 • 3 ^{2ndF} 10 ^x	 199.5262315

**Square Calculations / Quadrierte Rechnungen /
 Calculs de carrés / Cálculos al cuadrado /
 Calcoli di elevazione al quadrato / Kwadrateren /
 Kvadrering / Neliö / Kvadratberäkningar / Cálculos
 de quadrados / Υπολογισμοί Τετραγώνου:** x^2




Example 	Operation 	Display 
$1.25^2 = 1.5625$	 1 • 2 5 x^2	 1.5625

Power Calculations / Potenzrechnung & Potenzrechnungen mit Konstante / Calculs de puissances et de puissances de constantes / Cálculos de potencias y potencias constantes / Calcoli di elevazione a potenza ed elevazione a potenza costante / Machts- & constante machtsberekeningen / Beregninger med potensopløftning og konstant potensopløftning / Potenssi / Beräkning av potenser och konstanta potenser / Cálculos de potências e potências constantes / Υπολογισμοί Δύναμης & Σταθερών Δύναμης: x^y




Example 	Operation 	Display 
5.43 ³ = 160.103007	$5 \cdot 4 \cdot 3 \cdot x^y \cdot 3$ =	160.103007
2 ^{3.4} = 10.55606329	$2 \cdot x^y \cdot 3 \cdot \cdot 4$ =	10.55606329




Example 	Operation 	Display 
2 ^{2.34} = 5.063026376	$2 \cdot x^y \cdot 2 \cdot \cdot 3 \cdot 4$ =	5.063026376
3 ^{2.34} = 13.07566351	$3 \cdot =$	13.07566351
4 ^{2.34} = 25.63423608	$4 \cdot =$	25.63423608

Extraction of Square Root / Quadratwurzelziehen / Extraction de racine carrée / Extracción de raíz cuadrada / Estrazione della radice quadrata / Worteltrekken (vierkantswortel) / Kvadratrod / Neliöjuuri / Kvadratrotsberäkningar / Extracção de raíz quadrada / Εξαγωγή Τετραγωνικής Ρίζας:




Example 	Operation 	Display 
$\sqrt{(5+6) \times 7} =$ 8.774964387	$(\cdot 5 + 6) \cdot \times$ $7 \cdot = \cdot \sqrt{}$	8.774964387

Multiple Root / Multiple Wurzel & Multiple Wurzel mit Konstante / Racine multiple et racine multiple de constante / Raíz múltiple y raíz múltiple constante / Radice multipla e radice multipla costante / Meervoudige & constante meervoudige worteltrekking / Multipel rod og konstant multipel rod / Moninkertainen juuri / Rotuttryck av högre ordning och konstanta rotuttryck av högre ordning / Raiz quadrada múltipla e raiz quadrada múltipla constante / Πολλαπλή Ρίζα & Σταθερή πολλαπλής ρίζας: $x^{1/y}$




Example 	Operation 	Display 
${}^{5.3}\sqrt{100} =$ 2.384286779	1 0 0 2ndF $x^{1/y}$ 5 . 3 =	2.384286779

Example 	Operation 	Display 
$\sqrt[5]{1024} = 4$	1 0 2 4 2ndF $x^{1/y}$ 5 =	4.
$\sqrt[5]{3125} = 5$	3 1 2 5 =	5.
$\sqrt[5]{7776} = 6$	7 7 7 6 =	6.




Geometric Mean / Geometrischer Mittelwert / Moyenne géométrique / Media geométrica / Media geometrica / Geometrisch gemiddelde / Geometrisk middelværdi / Geometrinen keskiarvo / Geometriskt medelvärde / Média geométrica / Γεωμετρικός Μέσος: $x^{1/y}$

Example 	Operation 	Display 
$\bar{G} = \sqrt[4]{1.23 \times 1.48 \times 1.96 \times 2.2}$ $= 1.673830182$	1 . 2 3 x 1 . 4 8 x 1 . 9 6 x 2 . 2 = 2ndF $x^{1/y}$ 4 =	1.673830182




Extraction of Cubic Root / Kubikwurzelziehen /
 Extraction de racine cubique / Extracción de raíz
 cúbica / Estrazione della radice cubica /
 Worteltrekken (derdemachtswortel) / Worteltrekken
 (derdemachtswortel) / Kubikrod / Kuutiojuuri /
 Tredjerot / Extracção de raiz cúbica / Εξαγωγή
 Κυβικής Ρίζας: $\sqrt[3]{\square}$

Example 	Operation 	Display 
$\sqrt[3]{123} =$ 4.973189833	1 2 3 2ndF $\sqrt[3]{\square}$	4.973189833













Reciprocal Calculations / Reziprokrechnungen /
 Calculs réciproques / Cálculos recíprocos / Calcoli
 del reciproco / Berekeningen met reciproque
 waarden / Beregninger af reciprokverdi /
 Käänteisluku / Beräkningar med bråktal / Cálculos
 recíprocos / Αντίστροφοι Υπολογισμοί: x^{-1}


Example 	Operation 	Display 
$\frac{1}{2 \times 3 + 4} = 0.1$	2 x 3 + 4 = 2ndF x^{-1}	0.1














Trigonometric Calculations / Trigonometrische
 Rechnungen / Calculs trigonométriques / Cálculos
 trigonométricos / Calcoli trigonometrici /
 Trigonometrische berekeningen / Trigonometriske
 beregninger / Trigonometriset laskutoimitukset /
 Trigonometriska beräkningar / Cálculos
 trigonométricos / Τριγωνομετρικοί Υπολογισμοί: x^{-1}


Example 	Operation 	Display 
$\operatorname{cosec} x = 1/\sin x$ $\operatorname{cosec} 45^\circ =$ 1.414213562	[DEG mode] 4 5 sin 2ndF x^{-1}	1.414213562








**Factorial Calculations / Fakultätsrechnungen /
 Calculs de factorielles / Cálculos factoriales /
 Calcoli fattoriali / Berekeningen van faculteiten /
 Beregninger af fakultet / Kertoma /
 Fakultetsberäkningar / Cálculos factoriais /
 Παραγοντικοί Υπολογισμοί:** 

Example 	Operation 	Display 
$(4 \times 2 - 3)! = 120$	      <small>2ndF</small>   	120.




**Hyperbolic Functions / Hyperbelfunktionen /
 Fonctions hyperboliques / Funciones hiperbólicas /
 Funzioni iperboliche / Hyperbolische functies /
 Hyperbolske funktioner / Hyperboliset funktiot /
 Hyperboliska funktioner / Funções hiperbólicas /
 Υπερβολικές Συναρτήσεις :** 

Example 	Operation 	Display 
$\cosh 34 =$ $2.917308713 \times 10^{14}$	   	2.917308713^{14}
$\tanh 1.23 =$ 0.842579325	     	0.842579325




**Degree → Radian Conversion / Grad → Radiant-
 Umwandlung / Degré → Conversion de radian /
 Conversión de grados → radián / Conversione
 gradi → radianti / Graden → Conversie van radialen /
 Grad → Radianomregning / Aste → radiaani
 -muuntaminen / Grader → Radianomvandling /
 Graus → Conversão Radianos / Μοίρα →
 Μετατροπή Ακτινίων:** 

Example 	Operation 	Display 
$60^\circ =$ 1.047197551^{RAD}	[DEG mode]   <small>2ndF</small>  <small>DRG</small> 	1.047197551




Radian → Gradient Conversion / Radian → Gradientenumwandlung / Radian → Conversion de gradient / Conversión de radián → gradiente / Conversione radianti → gradi centesimali / Radialen → Conversie van gradiënten / Radian → nygradomregning / Radiaani → gradientti -muuntaminen / Radianer → Nygradsomvandling / Radianos → Conversão Gradientes / Ακτίνιο → Μετατροπή Κλίσης:

Example 	Operation 	Display 
$2^{\text{RAD}} =$ $127.3239545^{\text{GRAD}}$	[RAD mode] <input type="text" value="2"/> <input type="text" value="2ndF"/> <input type="text" value="DRG"/>	127.3239545




Gradient → Degree Conversion / Gradient → Gradumwandlung / Gradient → Conversion de degré / Conversión de gradiente → grados / Conversione gradi centesimali → gradi / Gradiënt → Conversie van graden / Nygrad → Degree gradomregning / Gradientti → aste -muuntaminen / Nygrader → Gradomvandling / Gradientes → Conversão Graus / Κλίση → Μετατροπή Μοιρών:

Example 	Operation 	Display 
$120^{\text{GRAD}} = 108$	[GRAD mode] <input type="text" value="1"/> <input type="text" value="2"/> <input type="text" value="0"/> <input type="text" value="2ndF"/> <input type="text" value="DRG"/>	108.




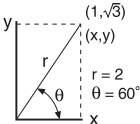
Permutations (of n things taken r at a time) / Permutationen (von n Dingen, die jeweils mit r angenommen sind) / Permutations (de n éléments pris r à la fois) / Permutaciones (de n elementos tomados de r en r) / Permutazioni (di n oggetti presi r alla volta) / Permutaties (van n dingen vinden r tegelijk plaats) / Permutationer (af antal n taget r ad gangen) / Permutaatiot (n alkiosta r kerrallaan) / Permutationer (av n objekt som plockas r åt gången) / Permutações (de n coisas, tomando r de cada vez) / Μεταθέσεις (n πραγμάτων που λαμβάνονται r τη φορά) :

Example 	Operation 	Display 
$nPr = \frac{n!}{(n-r)!}$ $5P_3 = \frac{5!}{(5-3)!} = 60$	<input type="text" value="5"/> <input type="text" value="2ndF"/> <input type="text" value="nPr"/> <input type="text" value="3"/> <input type="text" value="="/>	60.




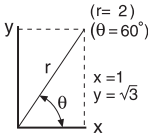
Combinations (of n things taken r at a time) / Kombinationen (von n Dingen, die jeweils mit r angenommen sind) / Combinaisons (de n éléments pris r à la fois) / Combinaciones (de n elementos tomados de r en r) / Combinazioni (di n oggetti presi r alla volta) / Combinaties (van n dingen vinden r tegelijk plaats) / Kombinationer (af antal n taget r ad gangen) / Kombinaatit (n alkiosta r kerrallaan) / Kombinationer (av n objekt som plockas r åt gången) / Combinações (de n coisas, tomando r de cada vez) / Συνδυασμοί (n πραγμάτων που λαμβάνονται r τη φορά): $\frac{nCr}{}$

Example 	Operation 	Display 
${}^n C_r = \frac{n!}{r!(n-r)!}$ ${}^5 C_3 = \frac{5!}{3!(5-3)!} = 10$		10.




Rectangular → Polar Conversion / Rechtwinklig → Polare Umwandlung / Rectangulaire → Conversion polaire / Conversión de rectangular → polar / Conversione rettangolare → polare / Conversie rechthoekig → polair / Retvinklet → polæromregning / Suorakaide → polaarinen -muuntaminen / Rektangulär → Polär omvandling / Conversão → Rectangular Polar / Ορθογώνια → Πολική Μετατροπή : $\frac{R \rightarrow P}{}$

Example 	Operation 	Display 
	<p>[DEG mode]</p>	2. 60.




Polar → Rectangular / Polar → Rechtwinklig / Polaire →
 Rectangulaire / Polar → Rectangular / Polare → rettangolare /
 Polair → Rechthoekig / Polær → Retvinklet / Polaarinen →
 Suorakaide -muuntaminen / Polär → Rektangulär / Conversão →
 Polar Rectangular / Πολική → Ορθογώνια : $\overset{R \rightarrow P}{\square}$

Example 	Operation 	Display 
	[DEG mode] \square 2 \square a \square 6 \square 0 \square b \square 2ndF \square R+P \square b	1. 1.732050808

Degrees-Minutes-Seconds (DMS) → Decimal Degrees /
 Grad-Minuten-Sekunden (DMS) → Dezimalgrad /
 Degrés-Minutes-Secondes (DMS) → Degrés de décimale /
 Grados-Minutos-Segundos (DMS) → Grados decimales /
 Gradi/minuti/secondi (DMS) → gradi decimali /
 Graden-minuten-seconden (DMS) → Decimale graden /
 Grader-minutter-sekunder (DMS) → Decimalgrader /
 Asteet-minuutit-sekunnit (DMS) → desimaaliasteet /
 Grader-Minuter-Sekunder (DMS) → Decimalgrader /
 Graus-Minutos-Segundos (DMS) → Graus Decimais /
 Μοίρες-Λεπτά-Δευτερόλεπτα (DMS) → Δεκαδικές Μοίρες : \square


















Example 	Operation 	Display 
123°45'06" → 123.7516667°	\square 1 \square 2 \square 3 \square \square 4 \square 5 \square \square 0 \square 6 \square \square	123.7516667

Decimal Degrees → Degrees-Minutes-Seconds /
 Dezimalgrad → Grad-Minuten-Sekunden /
 Degrés de décimale → Degrés-Minutes-Secondes /
 Grados decimales → Grados-Minutos-Segundos /
 Gradi decimali → Gradi/minuti/secondi (DMS) /
 Decimale graden → Graden-minuten-seconden /
 Decimalgrader → Grader-minutter-sekunder /
 Desimaaliasteet → asteet-minuutit-sekunnit /
 Decimalgrader → Grader-Minuter-Sekunder /
 Graus Decimais → Graus-Minutos-Segundos /
 Δεκαδικές Μοίρες → Μοίρες-Λεπτά-Δευτερόλεπτα : $\overset{D \rightarrow DD}{\square}$

Example 	Operation 	Display 
2.3456 → 2°20'44.16"	\square 2 \square . \square 3 \square 4 \square 5 \square 6 \square 2ndF \square $\overset{D \rightarrow DD}{\square}$	2°20'44"16


































4. Statistical Calculation / Statistische Rechnung / Calcul de statistiques / Cálculo estadístico / Calcolo statistico / Statistische berekeningen / Statistisk beregning / Tilastolaskenta / Statistiska beräkningar / Cálculo estadístico / Στατιστικοί Υπολογισμοί :

- E** Correct / Edit Statistical Data
- D** Eingabe / Abbrechen / Bearbeiten / Daten abrufen
- F** Entrer / Annuler / Modifier / Rappeler les données
- ES** Introducir / Cancelar / Editar / Recuperar datos
- I** Immissione/Annullamento/Modifica/Richiamo dei dati
- NL** Gegevens invoeren / annuleren / bewerken / ophalen
- DA** Indtast / Annuller / Rediger / Hent data
- FI** Syötä/peruuta/muokkaa/hae tietoja
- SE** Inmatning / Ta bort / Redigera / Hämta data
- PT** Entrada / Cancelar / Editar / Chamar dados
- ΕΛ** Εισαγωγή / Ακύρωση / Επεξεργασία / Ανάκληση Δεδομένων

Operation 	Display 	Explanation 
 2ndF  Data   Data    Data   2ndF  Data   Data  2ndF 	(STAT) 0 \ dAtA 1 / 3 \ dAtA 2 / 4 0 \ dAtA 2 / 9 (ED) 0 (ED) dAtA 1 (ED) 3 (ED) 5 (ED) 9 5	Enter Statistic Mode Data1 entry Enter 3 Data2 entry Enter 4 Cancel Data 4 Data2 entry Enter 9 Enter Edit Mode Flash a second Recall Data1 Replace Data1 value (3 → 5) Recall Data2 Delete Data2 value (9) and display Data1 value (5)

- E** Using the following data to calculate statistic information.
- D** Mit folgenden Daten (Durchmesser, Mittelpunkt, Häufigkeit) statistische Werte berechnen.
- F** Utilisation des données suivantes (Diamètre, Point milieu, Fréquence) pour calculer une valeur statistique.
- ES** Uso de los datos siguientes (Diámetro, Punto medio, Frecuencia) para calcular el valor estadístico.
- I** Utilizzo dei dati seguenti (Diametro, Punto medio, Frequenza) per calcolare il valore statistico.
- NL** De volgende gegevens (diameter, mediaan, frequentie) gebruiken om de statistische waarde te berekenen.
- DA** Brug de følgende data (diameter, midterværdi, frekvens) til at beregne en statistisk værdi.
- FI** Tilastotietojen laskeminen seuraavista arvoista (halkaisija, keskipiste, frekvenssi);
- SE** Med användning av följande data (diameter, medelpunkt, förekomster) för att beräkna ett statistiskt värde.
- PT** Utilizar os seguintes dados (Diâmetro, Ponto médio, Frequência) para calcular o valor estatístico.
- ΕΛ** Χρήση των παρακάτω δεδομένων (Διάμετρος, Μέσο Σημείο, Συχνότητα) για τον υπολογισμό της στατιστικής τιμής.

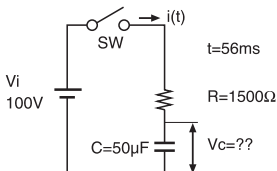
Diameter	Midpoint	Frequency
27.6 ~ 28.5	28	2
28.6 ~ 29.5	29	4
29.6 ~ 30.5	30	5
30.6 ~ 31.5	31	6
31.6 ~ 32.5	32	3
		(20 in total)




Operation 	Display 	Explanation 
 2ndF 	(STAT) 0.	Statistic mode
2ndF  	0.0000	Decimal digit specification
Data    	2.	Give the sum of frequency
Data    	4.	
Data    	5.	
Data    	6.	
Data    	3.	
n 	20.0000	
\bar{x} 	30.2000	Mean of x
2ndF 	604.0000	Summation of x
2ndF 	18270.0000	Sum of Square of the value
S 	1.2397	Sample Standard Deviation of x
2ndF 	1.2083	Population of Standard Deviation of x

- E** * For detail, please go to "Basic" Instruction Manual section I.4)
- D** * Detailliertere Informationen finden Sie in der Bedienungsanleitung unter „Grundlagen“. (Abschnitt I. 4)
- F** * Pour plus de détails, consultez le manuel d'instructions « Principes de base ». section I. 4)
- ES** * Para obtener detalles, vaya al Manual de instrucciones "básico" sección I. 4)
- I** * Per ulteriori informazioni, vedere il Manuale di istruzioni di base, sezione I.4)
- NL** * Zie handleiding "Basisfuncties" voor meer uitleg. sectie I. 4)
- DA** * For yderligere oplysninger, se under "Grundlæggende" vejledning afsnit I. 4)
- FI** * Lisätietoja on käyttöoppaan perusosan kohdassa I. 4)
- SE** * Mer information finns i den grundläggande bruksanvisningen, avsnitt I.4).
- PT** * Para obter mais informações, consulte o Manual de instruções "básicas", secção I. 4)
- EA** * Για λεπτομέρειες, ανατρέξτε στο εγχειρίδιο βασικών οδηγιών. ενότητα I. 4)

5. Applied Calculations / Angewandte Rechnungen / Calculs appliqués / Cálculos aplicados / Calcoli applicati / Toegepaste berekeningen / Anvendte beregninger / Sovelletut laskutoimitukset / Praktiska beräkningar / Cálculos aplicados / Εφαρμοσμένοι Υπολογισμοί




**Electricity - Integrating Circuit Problem /
 Elektrizität – Integrierschaltungsproblem /
 Électricité - Intégration d'un problème de circuit /
 Electricidad: problema de integración de circuito /
 Electricidade - Problema de circuito de integração /
 Elettricità – Problema di integrazione di circuito /
 Elektriciteit - probleem met IC /
 Elektricitet – Integreringskredsløbsproblem /
 Sähköoppi – integrointipiiri /
 Elektricitet – Problem med integrerade kretsar /
 Ηλεκτρισμός – Πρόβλημα Κυκλώματος Ολοκλήρωσης**



Example 	Operation 	Display 
$V_c = V_i \left(1 - e^{-\frac{t}{RC}}\right)$ $= 100 \times \left(1 - e^{-\frac{56 \times 10^{-3}}{1500 \times 50 \times 10^{-6}}}\right)$ $= 52.60562649$		52.60562649

Algebra / Algebra / Algèbre / Álgebra / Algebra / Algebra / Algebra / Algebra / Álgebra / Άλγεβρα

- E** The Root of a Quadratic Equation (Only for problems having a real root) /
- D** Wurzel einer quadratischen Gleichung (nur für Aufgaben mit reeller Wurzel) /
- F** La racine d'une équation bicarrée (uniquement pour les problèmes comportant une racine réelle) /
- ES** Raíz de una ecuación de segundo grado (sólo para problemas con una raíz real) /
- I** Radice di un'equazione quadratica (solo per problemi con una radice reale) /
- NL** De wortel van een vierkantsvergelijking (alleen voor problemen met een echte wortel) /
- DA** Rødderne af en andengradsligning (kun for ligninger af en reel rod) /
- FI** Toisen asteen yhtälön juuri (vain laskutoimituksiin, joissa on reaalijuuri) /
- SE** Roten ur en kvadratisk ekvation (endast för problem med reella rötter). /
- PT** Raiz quadrada de uma equação quadrática (só para problemas com uma raiz quadrada real) /
- ΕΛ** Η Ρίζα μιας Δευτεροβάθμιας Εξίσωσης (μόνο για προβλήματα που έχουν πραγματική ρίζα)

Example 	Operation 	Display 
$4x^2 + 9x + 2 = 0$ $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a} =$ $\frac{-9 \pm \sqrt{9^2 - 4 \times 4 \times 2}}{2 \times 4}$ $x = \begin{cases} -0.25 \\ -2 \end{cases}$	<p>9 x^2 - 4 \times</p> <p>4 \times 2 = $x-M$</p> <p>(9 (-) + MR</p> <p>$\sqrt{\quad}$) \div 2 \div</p> <p>4 =</p> <p>(9 (-) - MR</p> <p>$\sqrt{\quad}$) \div 2 \div</p> <p>4 =</p>	<p>M 49.</p> <p>M -0.25</p> <p>M -2.</p>

Calculation of time **E**
Example 1:

The air flight depart at 2 o'clock 9 minutes and 56 seconds (2°09'56"), and the destination at 4 o'clock 18 minutes and 23 seconds (4°18'23"). What is the travel time?

Berechnung der Zeit **D**
Beispiel 1:

Abflugzeit war um 2 Uhr 9 Minuten und 56 Sekunden (2°09'56") und Ankunftszeit um 4 Uhr 18 Minuten und 23 Sekunden (4°18'23"). Wie lange war die Flugzeit?

Calcul de temps **F**
Exemple 1 :

L'avion va partir à 2 heures 9 minutes et 56 secondes (2°09'56"), et arriver à destination à 4 heures 18 minutes et 23 secondes (4°18'23"). Quelle est la durée du trajet ?

Cálculo del tiempo **ES**
Ejemplo 1 :

El vuelo partirá a las 2 horas 9 minutos y 56 segundos (2°09'56"), y llegará a su destino a las 4 horas 18 minutos y 23 segundos (4°18'23"). ¿Cuánto dura el vuelo?

Calcolo del tempo **I**
Esempio 1:

L'aereo parte alle ore 2, 9 minuti e 56 secondi (2°09'56") e arriva a destinazione alle ore 4, 18 minuti e 23 secondi (4°18'23"). Qual è la durata del viaggio?

Tijdsberekening **NL**
Voorbeeld 1:

Het vliegtuig vertrekt om 2 uur, 9 minuten en 56 seconden (2°09'56"). De bestemming wordt bereikt om 4 uur, 18 minuten en 23 seconden (4°18'23"). Wat is de reistijd?

Tidsberegning **DA**
Eksempel 1:

Flyet afgår kl. 02:09:56 (2°09'56"), og ankommer til målet kl. 04:18:23 (4°18'23"). Hvad er rejsetiden?

Ajan laskeminen **FI**
Esimerkki 1:

Lento lähtee kello 2.09.56 (2°09'56") ja saapuu perille kello 4.18.23 (4°18'23"). Miten kauan matka kestää?

Tidsberäkning **SE**
Exempel 1:




Flyget avgår 9 minuter och 56 sekunder efter två (2°09'56") och anländer vid destinationen 18 minuter och 23 sekunder efter klockan fyra (4°18'23"). Hur lång tid tog resan?

Cálculo de tempo **PT**
Exemplo 1:

O voo parte às 2 horas, 9 minutos e 56 segundos (2°09'56") e chega às 4 horas 18 minutos e 23 segundos (4°18'23"). Quanto tempo demorou a viagem?

Υπολογισμός Χρόνου **EL**
Παράδειγμα 1:

Η πτήση θα αναχωρήσει στις 2 και 9 λεπτά και 56 δευτερόλεπτα (2°09'56") και θα φτάσει στον προορισμό της στις 4 και 18 λεπτά και 23 δευτερόλεπτα (4°18'23"). Ποιος είναι ο χρόνος του ταξιδιού;

Example 	Operation 	Display 
4°18'23" – 2°09'56" = 2°08'27"	<div style="display: flex; flex-wrap: wrap; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">4</div> <div style="border: 1px solid black; padding: 2px;">1</div> <div style="border: 1px solid black; padding: 2px;">8</div> <div style="border: 1px solid black; padding: 2px;">2</div> <div style="border: 1px solid black; padding: 2px;">3</div> <div style="border: 1px solid black; padding: 2px;">–</div> <div style="border: 1px solid black; padding: 2px;">2</div> <div style="border: 1px solid black; padding: 2px;">0</div> <div style="border: 1px solid black; padding: 2px;">9</div> <div style="border: 1px solid black; padding: 2px;">5</div> <div style="border: 1px solid black; padding: 2px;">6</div> <div style="border: 1px solid black; padding: 2px;">=</div> <div style="border: 1px solid black; padding: 2px;">2ndF</div> <div style="border: 1px solid black; padding: 2px;">□</div> </div>	2°08'27"

E Example 2:

The following shows the amount of time worked on three days. What was the total time?

D Beispiel 2:

Die folgenden Angaben zeigen die Arbeitszeit in drei Tagen. Wie lang war die Gesamtarbeitszeit (Stunden, Minuten, Sekunden)?

F Exemple 2 :

Voici le nombre d'heures travaillées en trois jours. Quel est le temps total (heures, minutes, secondes) ?

ES Ejemplo 2:

A continuación, se muestra el período de tiempo trabajado en tres días. ¿Cuál fue el tiempo total en horas, minutos y segundos?

I Esempio 2:

Di seguito è illustrata la quantità di tempo in cui si è lavorato in tre giorni. Qual è il tempo di lavoro totale (ore, minuti, secondi)?

NL Voorbeeld 2:

Het volgende voorbeeld toont de werkduur over drie dagen. Wat is de totale werkduur (uren, minuten en seconden)?

DA Eksempel 2:

Nedenstående viser antal arbejdstimer på tre dage. Hvad var den samlede arbejdstid (timer, minutter, sekunder)?

FI Esimerkki 2:

Alla olevassa taulukossa on kolmen päivän aikana tehdyt työtunnit ja -minuutit. Mikä on kaikkien päivien työaika yhteensä?

SE Exempel 2:

Nedan visas arbetstiderna under tre dagar. Vad är den totala arbetstiden (timmar, minuter, sekunder)?

PT Exemplo 2:

O exemplo seguinte apresenta a quantidade de tempo trabalhado ao longo de três dias. Qual era o tempo total (em horas, minutos e segundos)?





ΕΛ Παράδειγμα 2:

Παρακάτω φαίνεται η ποσότητα χρόνου εργασίας σε τρεις ημέρες. Ποιος είναι ο συνολικός χρόνος (ώρες, λεπτά, δευτερόλεπτα);

1st day: 5 hours 46 minutes (5°46')

2nd day: 4 hours 39 minutes (4°39')

3rd day: 3 hours 55 minutes (3°55')

Example 	Operation 	Display 
$5^{\circ}46' + 4^{\circ}39' + 3^{\circ}55' = 14^{\circ}20'$		$14^{\circ}20'0''$

**6. Operation Range and Accuracy /
Rechnungsbereich und Genauigkeit / Série
d'opérations et précision / Intervalo de operación y
precisión / Precisione e intervallo delle operazioni /
Bewerkingsvolgorde en nauwkeurigheid /
Indtastningsområde og nøjagtighed / Laskenta-alue
ja tarkkuus / Driftsområde och precision / Intervalo
e precisão da operação / Περιοχή Τιμών Πράξης και
Ακρίβεια**

- E** Internal digits: 14
Accuracy*: ± 1 at the 10^{th} digits
Output Ranges : 1×10^{-99} to $\pm 9.999999999 \times 10^{99}$
- D** Interne Stellen: 14
Genauigkeit*: ± 1 auf 10 Stellen
Ausgabebereich: 1×10^{-99} bis $\pm 9.999999999 \times 10^{99}$
- F** Chiffres internes : 14
Précision* : ± 1 tous les 10 chiffres
Résultats : 1×10^{-99} to $\pm 9.999999999 \times 10^{99}$
- ES** Dígitos internos: 14
Precisión*: ± 1 en el 10° dígito
Intervalo de resultados: de 1×10^{-99}
a $\pm 9.999999999 \times 10^{99}$
- I** Cifre interne: 14
Precisione*: ± 1 alla decima cifra
Intervalli di output: da 1×10^{-99} a $\pm 9.999999999 \times 10^{99}$
- NL** Interne cijfers: 14
Nauwkeurigheid*: ± 1 vanaf de 10e cijferpositie
Uitvoer bereik: 1×10^{-99} tot $\pm 9.999999999 \times 10^{99}$
- DA** Interne cifre: 14
Nøjagtighed*: ± 1 ved det 10 ciffer
Visningsområder: 1×10^{-99} til $\pm 9.999999999 \times 10^{99}$
- FI** Numeroiden lukumäärä: 14
Tarkkuus*: ± 1 kymmenensien lukujen kohdalla
Laskenta-alue pienin: 1×10^{-99} , suurin:
 $\pm 9.999999999 \times 10^{99}$
- SE** Interna siffror: 14
Precision*: ± 1 vid den 10:e siffran
Utmatningsområden: 1×10^{-99} to $\pm 9.999999999 \times 10^{99}$

PT Dígitos internos: 14
 Precisão*: ± 1 ao 10° dígito
 Intervalos de saída: 1×10^{-99} a $\pm 9.999999999 \times 10^{99}$

ΕΛ Εσωτερικά ψηφία: 14
 Ακρίβεια*: ± 1 στα 10 ψηφία
 Περιοχές Τιμών Εξόδου: 1×10^{-99} έως $\pm 9.999999999 \times 10^{99}$

Function		Input
sin x	DEG	$0 \leq x \leq 4.499999999 \times 10^{10}$
	RAD	$0 \leq x \leq 785398163.3$
	GRAD	$0 \leq x \leq 4.999999999 \times 10^{10}$
cos x	DEG	$0 \leq x \leq 4.499999999 \times 10^{10}$
	RAD	$0 \leq x \leq 785398163.3$
	GRAD	$0 \leq x \leq 4.999999999 \times 10^{10}$
tan x	DEG	Same as sin x except $ x = (2n-1) \cdot 90$
	RAD	Same as sin x except $ x = (2n-1) \cdot \pi/2$
	GRAD	Same as sin x except $ x = (2n-1) \cdot 100$
$\sin^{-1}x$	DEG	$0 \leq x \leq 1$
	RAD	$0 \leq x \leq 1$
	GRAD	$0 \leq x \leq 1$
$\cos^{-1}x$	DEG	Same as $\sin^{-1}x$
	RAD	Same as $\sin^{-1}x$
	GRAD	Same as $\sin^{-1}x$
$\tan^{-1}x$	DEG	$0 \leq x \leq 9.999999999 \times 10^{99}$
	RAD	$0 \leq x \leq 9.999999999 \times 10^{99}$
	GRAD	$0 \leq x \leq 9.999999999 \times 10^{99}$
sinh x	$0 \leq x \leq 230.2585092$	
cosh x	$0 \leq x \leq 230.2585092$	
tanh x	$0 \leq x \leq 9.999999999 \times 10^{99}$	
$\sinh^{-1}x$	$0 \leq x \leq 4.999999999 \times 10^{99}$	
$\cosh^{-1}x$	$1 \leq x \leq 4.999999999 \times 10^{99}$	
$\tanh^{-1}x$	$0 \leq x \leq 9.999999999 \times 10^{-1}$	
ln x	$0 < X \leq 9.999999999 \times 10^{99}$	
log x	$0 < X \leq 9.999999999 \times 10^{99}$	
e^x	$-9.999999999 \times 10^{99} \leq x \leq 230.2585092$	
10^x	$-9.999999999 \times 10^{99} \leq x \leq 99.99999999$	
x!	$0 \leq x \leq 69$ (Integer)	

Function	Input
x^{-1}	$1 \times 10^{-99} \leq x \leq 9.999999999 \times 10^{99}$, $x \neq 0$
x^2	$0 \leq x \leq 9.999999999 \times 10^{49}$
\sqrt{x}	$0 \leq x \leq 9.999999999 \times 10^{99}$
$\sqrt[3]{x}$	$0 \leq x \leq 9.999999999 \times 10^{99}$
0 III ▶	$0 \leq x \leq 99998.9999$
▶ 0 III	$0 \leq x \leq 99998.59'59$
DEG → RAD	$0 \leq x \leq 9.999999999 \times 10^{99}$
RAD → GRAD	$0 \leq x \leq 1.570796326 \times 10^{98}$
GRAD → DEG	$0 \leq x \leq 9.999999999 \times 10^{99}$
x^y	$-9.999999999 \times 10^{99} \leq x \cdot \ln y \leq 230.2585092$
	$y > 0 \dots$ The above range $y < 0 \dots x$ (integer) or, $1/x$ (odd, $x \neq 0$) ... The above range $y = 0 \dots 0 < x$
$x^{1/y}$	$-9.999999999 \times 10^{99} \leq 1/x \cdot \ln y \leq 230.2585092$
	$y > 0 \dots$ The above range $y < 0 \dots x$ (odd) or, $1/x$ (integer, $x \neq 0$) ... The above range $y = 0 \dots 0 < x$
R → P ($xy \rightarrow r\theta$)	$ x \cdot y \leq 9.999999999 \times 10^{49}$ $(x^2 + y^2) \leq 9.999999999 \times 10^{99}$ y/x : same as $\tan^{-1}x$
P → R ($r\theta \rightarrow xy$)	$0 \leq r \leq 9.999999999 \times 10^{99}$ θ : same as $\sin x$, $\cos x$
nPr	$0 \leq r \leq n \leq 9999999999$ (r and n are integer) result $\leq 9.999999999 \times 10^{99}$
nCr	$0 \leq r \leq n \leq 9999999999$ (r and n are integer) result $\leq 9.999999999 \times 10^{99}$

Function		Input
Complex number calculation	$(x1+y1 i) \begin{matrix} + \\ \times \\ - \\ \div \end{matrix} (x2+y2 i)$	
	Addition Subtraction	$ x1+x2 \leq 9.999999999 \times 10^{99}$ $ y1+y2 \leq 9.999999999 \times 10^{99}$
	Multiplication	$(x1x2-y1y2) \leq 9.999999999 \times 10^{99}$ $(y1x2+x1y2) \leq 9.999999999 \times 10^{99}$ $(x1x2), (y1y2), (y1x2), (x1y2) \leq 9.999999999 \times 10^{99}$
	Division	$\frac{x1x2+y1y2}{x2^2+y2^2}, \frac{y1x2-x1y2}{x2^2+y2^2} \leq 9.999999999 \times 10^{99}$ $x2^2+y2^2, x2^2, y2^2, x1x2+y1y2, y1x2-x1y2, x1x2, y1y2, y1x2, x1y2, \leq 9.999999999 \times 10^{99}$
→ DEC	The following operation range after the conversion. $0 \leq x \leq 9999999999$	
→ BIN	The following operation range after the conversion. $1000000000 \leq x \leq 1111111111$ $0 \leq x \leq 1111111111$	
→ OCT	The following operation range after the conversion. $4000000000 \leq x \leq 7777777777$ $0 \leq x \leq 3777777777$	
→ HEX	The following operation range after the conversion. $FDABF41C01 \leq x \leq FFFFFFFF$ $0 \leq x \leq 2540BE3FF$	
Normal Distributions-statistic Calculation	DATA EDIT	$ x \leq 9.999999999 \times 10^{49}$ $ \Sigma x \leq 9.999999999 \times 10^{99}$ $\Sigma x^2 \leq 9.999999999 \times 10^{99}$ $0 \leq n \leq 18870 \quad n = \text{Integer}$ max n = 255 for one variable
	\bar{x}	$n \neq 0$
	s	$n \neq 1, n \neq 0$ $0 \leq \frac{\Sigma x^2 - ((\Sigma x)^2/n)}{n-1} \leq 9.999999999 \times 10^{99}$
	$x\sigma^n$	$n \neq 0$ $0 \leq \frac{\Sigma x^2 - ((\Sigma x)^2/n)}{n} \leq 9.999999999 \times 10^{99}$

E * Error are cumulative in the case of consecutive calculations, this is also true as internal consecutive calculations are performed in the case of (x^y) , $x^{1/y}$, $x!$, nPr , nCr , etc and may become large.

D * Bei konsekutiver Rechnung sind die Fehlermeldungen kumulativ; dies gilt auch, da interne konsekutive Rechnungen im Falle von (x^y) , $x^{1/y}$, $x!$, nPr , nCr groß werden können.

- F** * Les erreurs peuvent se cumuler dans des calculs consécutifs. Cela est également vrai pour les calculs consécutifs internes dans le cas de (x^y) , $x^{1/y}$, $x!$, nPr , nCr , etc. Peuvent devenir importantes.
- ES** * Los errores son acumulativos en el caso de los cálculos consecutivos, igual que en los cálculos consecutivos internos en el caso de (x^y) , $x^{1/y}$, $x!$, nPr , nCr , etc., y pueden ser grandes.
- I** * Gli errori sono cumulativi in caso di calcoli consecutivi. Ciò è valido anche nel caso di calcoli consecutivi interni eseguiti per (x^y) , $x^{1/y}$, $x!$, nPr , nCr e così via, che possono assumere dimensioni considerevoli.
- NL** * Fouten stapelen zich op bij opeenvolgende berekeningen, ook bij interne opeenvolgende berekeningen, zoals bij (x^y) , $x^{1/y}$, $x!$, nPr , nCr , enz., en kunnen dus zeer groot worden.
- DA** * Fejl er kumulative i tilfælde af sekventielle beregninger, dette er også sandt, da interne, sekventielle beregninger udføres i tilfælde af (x^y) , $x^{1/y}$, $x!$, nPr , nCr , etc. og kan blive større.
- FI** * Virheet kumuloituvat peräkkäisissä laskutoimituksissa. Tämä koskee myös sisäisiä peräkkäisiä laskutoimituksia (esimerkiksi (x^y) , $x^{1/y}$, $x!$, nPr , nCr), jolloin virhe voi olla merkittävä.
- SE** * Fel är ackumulativa vid fortlöpande beräkningar, det gäller även fortlöpande interna beräkningar som utförs för (x^y) , $x^{1/y}$, $x!$, nPr , nCr osv. och de kan bli stora.
- PT** * Os erros são cumulativos no caso de cálculos consecutivos, o que também é válido para cálculos consecutivos internos efetuados no caso de (x^y) , $x^{1/y}$, $x!$, nPr , nCr , etc e podem tornar-se grandes.
- Ελ** * Στην περίπτωση διαδοχικών υπολογισμών, τα σφάλματα είναι αθροιστικά. Αυτό ισχύει επίσης επειδή στην περίπτωση (x^y) , $x^{1/y}$, $x!$, nPr , nCr , κλπ. πραγματοποιούνται εσωτερικοί διαδοχικοί υπολογισμοί και μπορεί να είναι πολύ μεγάλοι.