fx-115ES fx-570ES fx-991ES

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#001

MATH ▤ 2 ▼ 3 ► + ▤ 1 ▼ 2 = — `2/3+1/2` `7/6`

LINE 2 ▤ 3 + 1 ▤ 2 = — `2⌟3+1⌟2` `7⌟6`

#002 $3\frac{1}{4} + 1\frac{2}{3} = 4\frac{11}{12}$

MATH SHIFT ▤ (▪▤) 3 ► 1 ▼ 4 ► + — `3¼+|`

SHIFT ▤ (▪▤) 1 ► 2 ▼ 3 = — `3¼+1⅔` `4 11/12`

LINE 3 ▤ 1 ▤ 4 + 1 ▤ 2 ▤ 3 = — `3⌟1⌟4+1⌟2⌟3` `4⌟11⌟12`

$4 - 3\frac{1}{2} = \frac{1}{2}$

MATH 4 − SHIFT ▤ (▪▤) 3 ► 1 ▼ 2 = — `4−3½` `1/2`

LINE 4 − 3 ▤ 1 ▤ 2 = — `4−3⌟1⌟2` `1⌟2`

#003

LINE 2 SHIFT ((%) = — `2%` `0.02`

#004

LINE 1 5 0 × 2 0 SHIFT ((%) = — `150×20%` `30`

#005

LINE 6 6 0 ÷ 8 8 0 SHIFT ((%) = — `660÷880%` `75`

#006

LINE 2 5 0 0 + 2 5 0 0 × 1 5 SHIFT ((%) = — `2500+2500×15%` `2875`

#007

LINE 3 5 0 0 − 3 5 0 0 × 2 5 SHIFT ((%) = — `3500−3500×25%` `2625`

#008

LINE 1 6 8 + 9 8 + 7 3 4 = — `168+98+734` `1000`

− Ans × 2 0 SHIFT ((%) = — `Ans−Ans×20%` `800`

#009

LINE (5 0 0 + 3 0 0) ÷ 5 0 0 SHIFT ((%) = — `(500+300)÷500%` `160`

#010

LINE (4 6 − 4 0) ÷ 4 0 SHIFT ((%) = — `(46−40)÷40%` `15`

► ► ► ► DEL 8 = — `(48−40)÷40%` `20`

#011

LINE 2 °’’’ 0 °’’’ 3 0 °’’’ = — `2°0°30°` `2°0’30”`

#012

LINE 2 °’’’ 2 0 °’’’ 3 0 °’’’ + 0 °’’’ 3 9 °’’’ 3 0 °’’’ = — `2°20°30°+0°39°3▸` `3°0’0”`

#013

LINE 2 . 2 5 5 = — `2.255` `2.255` → °’’’ — `2.255` `2°15’18”` → °’’’ — `2.255` `2.255`

#014 4 × 3 + 2.5 = 14.5
4 × 3 − 7.1 = 4.9

LINE 4 × 3 + 2 . 5 = — `4×3+2.5` `14.5` → AC — `|` `0` → ◄ — `4×3+2.5|` `0` → DEL DEL DEL DEL — `4×3|` `0` → − 7 . 1 = — `4×3−7.1` `4.9`

#015 $\frac{9 \times 6 + 3}{5 \times 8} = 1.425$

LINE 9 × 6 + 3 SHIFT RCL (STO) °’’’ (B) — `9×6+3→B` `57` → 5 × 8 SHIFT RCL (STO) hyp (C) — `5×8→C` `40` → ALPHA °’’’ (B) ÷ ALPHA hyp (C) = — `B÷C` `1.425`

#016

LINE ALPHA S⇔D (Y) ALPHA CALC (=) ALPHA) (X) + 2 ALPHA (−) (A) — `Y=X+2A|` `0`

CALC — `X?` `0` → *1 1 = — `A?` `0`

*2 1 = — `Y=X+2A` `3` —*3 → CALC — `X?` `1`

*4 Ans = — `A?` `1` → *5 2 = — `Y=X+2A` `7` *6

CALC Ans = 3 = — `Y=X+2A` `13` *7

CALC Ans = 4 = — `Y=X+2A` `21` *8

#017

MATH ALPHA S⇔D (Y) ALPHA CALC (=) ALPHA) (X) x^2 − ALPHA) (X) + 1 — `Y=X²−X+1|`

SHIFT CALC (SOLVE) — `Y?` `21` → *1 3 = — `Solve for X` `1`

*2 1 = — `Y=X²−X+1` `X= 2` `L−R= 0` → = 7 = = — `Y=X²−X+1` `X= 3` `L−R= 0`

= 1 3 = = — `Y=X²−X+1` `X= 4` `L−R= 0` → = 2 1 = = — `Y=X²−X+1` `X= 5` `L−R= 0`

#018

LINE **Deg** sin 3 0) = — `sin(30)` `0.5`

SHIFT sin ($\sin^{-1}$) 0 . 5) = — `sin⁻¹(0.5)` `30`

#019

LINE hyp 1 (sinh) 1) = — `sinh(1)` `1.175201194`

hyp 5 ($\cosh^{-1}$) 1) = — `cosh⁻¹(1)` `0`

#020

LINE **Deg** cos SHIFT ×10ˣ (π) SHIFT Ans (DRG►) 2 (ʳ)) = — `cos(πʳ)` `−1`

cos 1 0 0 SHIFT Ans (DRG►) 3 (ᵍ)) = — `cos(100ᵍ)` `0`

#021 **MATH**

Deg SHIFT cos ($\cos^{-1}$) (−) 1) = — `cos⁻¹(−1)` `180`

Rad SHIFT cos ($\cos^{-1}$) (−) 1) = — `cos⁻¹(−1)` `π`

#022 $\log_2 16 = 4$

MATH log▪□ 2 ► 1 6 = — `log₂(16)` `4`

LINE log 2 SHIFT) (,) 1 6) = — `log(2,16)` `4`

#023 log16 = 1.204119983

LINE log 1 6) = — `log(16)` `1.204119983` *1

#024 ln 90 (= $\log_e 90$) = 4.49980967

LINE ln 9 0) = — `ln(90)` `4.49980967`

ln e = 1

ln ALPHA ×10ˣ (e)) = — `ln(e)` `1`

#025 $e^{10} = 22026.46579$

LINE SHIFT ln ($e^{▪}$) 1 0 = — `e^(10` `22026.46579`

#026 $1.2 \times 10^3 = 1200$

MATH 1 . 2 × SHIFT log ($10^{▪}$) 3 = — `1.2×10³` `1200`

$(1 + 1)^{2+2} = 16$

(1 + 1) $x^{▪}$ 2 + 2 = — `(1+1)²⁺²` `16`

#027 $(5^2)^3 = 15625$

MATH (5 x^2) SHIFT x^2 (x^3) = — `(5²)³` `15625`

LINE $(\sqrt{2} + 1)(\sqrt{2} - 1) = 1$

(√▪ 2) + 1) (√▪ 2) − 1) = — `(√(2)+1)(√(2)−1)` `1`

$\sqrt[5]{32} = 2$

5 SHIFT $x^{▪}$ ($\sqrt[▪]{□}$) 3 2) = — `5ˣ√(32)` `2`

#028 $(-2)^{\frac{2}{3}} = 1.587401052$

LINE ((−) 2) $x^{▪}$ 2 ▤ 3) = — `(−2)^(2⌟3)` `1.587401052`

#029 $\sqrt[3]{5} + \sqrt[3]{-27} = -1.290024053$

LINE SHIFT √▪ ($\sqrt[3]{▪}$) 5) + SHIFT √▪ ($\sqrt[3]{▪}$) (−) 2 7) = — `³√(5)+³√(−27)` `−1.290024053`

#030 $\frac{1}{\frac{1}{3} - \frac{1}{4}} = 12$

LINE (3 x^{-1} − 4 x^{-1}) x^{-1} = — `(3⁻¹−4⁻¹)⁻¹` `12`

#031

MATH ∫▭ ln ALPHA) (X)) ▼ 1 ▲ ALPHA ×10ˣ (e) = — `∫₁ᵉ ln(X)dx` `1`

LINE ∫▭ ln ALPHA) (X)) SHIFT) (,) 1 SHIFT) (,) ALPHA ×10ˣ (e)) = — `∫(ln(X),1,e)` `1`

#032

LINE ∫▭ 1 ÷ ALPHA) (X) x^2 SHIFT) (,) 1 SHIFT) (,) 5 SHIFT) (,) 1 ×10ˣ (−) 7) = — `∫(1÷X²,1,5,1×10−▸` `0.8`

#033 **Rad**

MATH SHIFT ∫▭ ($\frac{d}{dx}$▪) sin ALPHA) (X)) ► ▤ SHIFT ×10ˣ (π) ▼ 2 = — `d/dx(sin(X))|x=π/2` `0`

LINE SHIFT ∫▭ ($\frac{d}{dx}$▪) sin ALPHA) (X)) SHIFT) (,) SHIFT ×10ˣ (π) ▤ 2) = — `d/dx(sin(X),π⌟2)` `0`

#034

LINE SHIFT ∫▭ ($\frac{d}{dx}$▪) 3 ALPHA) (X) x^2 − 5 ALPHA) (X) + 2 SHIFT) (,) 2 SHIFT) (,) 1 ×10ˣ (−) 1 2) = — `d/dx(3X²−5X+2,2▸` `7`

#035

MATH SHIFT log▪□ ($\sum$▪) ALPHA) (X) + 1 ▼ 1 ▲ 5 = — `Σ(X+1) x=1..5` `20`

LINE SHIFT log▪□ ($\sum$▪) ALPHA) (X) + 1 SHIFT) (,) 1 SHIFT) (,) 5) = — `Σ(X+1,1,5)` `20`

#036 **Deg** (X, Y) = ($\sqrt{2}$, $\sqrt{2}$) → (r, θ)

MATH SHIFT + (Pol) √▪ 2 ► SHIFT) (,) √▪ 2 ►) = — `Pol(√2,√2)` `r=2,θ=45`

LINE SHIFT + (Pol) √▪ 2) SHIFT) (,) √▪ 2)) = — `Pol(√(2),√(2))` `r= 2` `θ= 45`

#037 (r, θ) = (2, 30) → (X, Y)

LINE **Deg** SHIFT − (Rec) 2 SHIFT) (,) 3 0) = — `Rec(2,30)` `X= 1.732050808` `Y= 1`

#038

LINE (5 + 3) SHIFT x^{-1} (x!) = — `(5+3)!` `40320`

#039

MATH SHIFT hyp (Abs) 2 − 7 = — `|2−7|` `5`

LINE SHIFT hyp (Abs) 2 − 7) = — `Abs(2−7)` `5`

#040

LINE 1 0 0 0 SHIFT . (Ran#) = — `1000Ran#` `662`

= — `1000Ran#` `73`

= — `1000Ran#` `165`

#041

LINE 1 0 SHIFT × (nPr) 4 = — `10P4` `5040`

1 0 SHIFT ÷ (nCr) 4 = — `10C4` `210`

#042

MATH **Rad** ∫▭ (sin ALPHA) (X)) + cos ALPHA) (X))) x^2 ► 0 ▲ SHIFT ×10ˣ (π) = — `∫₀^π(sin(X)+cos(X▸` `π`

#043

MATH 5 SHIFT RCL (STO) (−) (A) ALPHA ×10ˣ (e) − SHIFT log▪□ ($\sum$▪) ▤ 1 ▼ ALPHA) (X) SHIFT x^{-1} (x!) ► ► 0 ▲ ALPHA (−) (A) = — `e−Σ(x=0..A)(1/X!)` `1.615161792×10⁻³`

1 0 SHIFT RCL (STO) (−) (A) ▲ = — `e−Σ(x=0..A)(1/X!)` `2.731267×10⁻⁸`

1 5 SHIFT RCL (STO) (−) (A) ▲ = — `e−Σ(x=0..A)(1/X!)` `0`

#044

LINE 1 2 3 4 = — `1234` `1234` → ENG — `1234` `1.234×10³` → ENG — `1234` `1234×10⁰`

#045

LINE 1 2 3 = — `123` `123` → SHIFT ENG (←) — `123` `0.123×10³` → SHIFT ENG (←) — `123` `0.000123×10⁶`

#046

MATH SHIFT ×10ˣ (π) × ▤ 2 ▼ 5 = — `π×2/5` `2/5π`

S⇔D — `π×2/5` `1.256637061`

#047

MATH √▪ 2 ► × √▪ 3 = — `√2×√3` `√6`

S⇔D — `√2×√3` `2.449489743`

#048

LINE (1 + 3 i) ÷ (2 i) = — `(1+3i)÷(2i)` `3⌟2` `−1⌟2i`

#049

LINE **Deg** 1 + i SHIFT 2 (CMPLX) 3 (►$r\angle\theta$) = — `1+i▸r∠θ` `1.414213562` `∠45`

#050

MATH SHIFT 2 (CMPLX) 2 (Conjg) 2 + 3 i) = — `Conjg(2+3i)` `2−3i`

#051

MATH **Deg** *1 SHIFT hyp (Abs) 2 + 2 i = — `|2+2i|` `2√2`

*2 SHIFT 2 (CMPLX) 1 (arg) 2 + 2 i) = — `arg(2+2i)` `45`

#052

$\bar{x} = \frac{\Sigma x}{n}$ $x\sigma n = \sqrt{\frac{\Sigma (x - \bar{x})^2}{n}}$

$x\sigma n-1 = \sqrt{\frac{\Sigma (x - \bar{x})^2}{n - 1}}$

#053

SHIFT MODE ▼ 4 (STAT) 1 (ON) MODE 3 (STAT) — `1:1-VAR 2:A+BX` `3:_+CX² 4:ln X` `5:e^X 6:A·B^X` `7:A·X^B 8:1/X`

1 (1-VAR) — `STAT` `X FREQ`

1 = 2 = 3 = 4 = 5 = 6 = 7 = 8 = 9 = 1 0 = — `STAT` `X FREQ`

AC — `STAT` `|` `0`

#054

SHIFT 1 (STAT) 2 (Data) — `STAT` `X FREQ` `1`

SHIFT 1 (STAT) 3 (Edit) 1 (Ins) — `STAT` `X FREQ` `0`

▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ DEL — `STAT` `X FREQ` `9`

AC — `STAT` `|` `0`

#055

SHIFT 1 (STAT) 2 (Data) ► — `STAT` `X FREQ` `1`

▼ 2 = ▼ 2 = 2 = 2 = 3 = 4 = 2 = — `STAT` `X FREQ` `1`

AC — `STAT` `|` `0`

#056

SHIFT 1 (STAT) 4 (Sum) — `1:Σx² 2:Σx`

1 (Σx^2) = — `Σx²` `672`

SHIFT 1 (STAT) 4 (Sum) 2 (Σx) = — `Σx` `102`

#057

SHIFT 1 (STAT) 5 (Var) — `1:n 2:x̄` `3:xσn 4:xσn−1`

1 (n) = — `n` `20`

SHIFT 1 (STAT) 5 (Var) 2 ($\bar{x}$) = — `x̄` `5.1`

SHIFT 1 (STAT) 5 (Var) 3 ($x\sigma n$) = — `xσn` `2.754995463`

#058

SHIFT 1 (STAT) 6 (MinMax) — `1:minX 2:maxX`

1 (minX) = — `minX` `0`

SHIFT 1 (STAT) 6 (MinMax) 2 (maxX) = — `maxX` `10`

#059

SHIFT 1 (STAT) 7 (Distr) — `1:P( 2:Q(` `3:R( 4:▸t`

1 (P( ) 3 SHIFT 1 (STAT) 7 (Distr) 4 (►t)) = — `P(3▸t)` `0.22296`

SHIFT 1 (STAT) 7 (Distr) 3 (R( ) 7 SHIFT 1 (STAT) 7 (Distr) 4 (►t)) = — `R(7▸t)` `0.24521`

#060

$\bar{x} = \frac{\Sigma x}{n}$ $x\sigma n = \sqrt{\frac{\Sigma (x - \bar{x})^2}{n}}$

$x\sigma n-1 = \sqrt{\frac{\Sigma (x - \bar{x})^2}{n - 1}}$ $\bar{y} = \frac{\Sigma y}{n}$

$y\sigma n = \sqrt{\frac{\Sigma (y - \bar{y})^2}{n}}$ $y\sigma n-1 = \sqrt{\frac{\Sigma (y - \bar{y})^2}{n - 1}}$

$A = \frac{\Sigma y - B \cdot \Sigma x}{n}$ $B = \frac{n \cdot \Sigma xy - \Sigma x \cdot \Sigma y}{n \cdot \Sigma x^2 - (\Sigma x)^2}$

$$r = \frac{n \cdot \Sigma xy - \Sigma x \cdot \Sigma y}{\sqrt{\{n \cdot \Sigma x^2 - (\Sigma x)^2\}\{n \cdot \Sigma y^2 - (\Sigma y)^2\}}}$$

$\hat{x} = \frac{y - A}{B}$ $\hat{y} = A + Bx$

#061

x	y	x	y
1.0	1.0	2.1	1.5
1.2	1.1	2.4	1.6
1.5	1.2	2.5	1.7
1.6	1.3	2.7	1.8
1.9	1.4	3.0	2.0

SHIFT MODE ▼ 4 (STAT) 2 (OFF) MODE 3 (STAT) — `1:1-VAR 2:A+BX` `3:_+CX² 4:ln X` `5:e^X 6:A·B^X` `7:A·X^B 8:1/X`

2 (A+BX) 1 = — `STAT` `X Y`

1 . 2 = 1 . 5 = 1 . 6 = 1 . 9 = 2 . 1 = 2 . 4 = 2 . 5 = 2 . 7 = 3 = — `STAT` `X Y` `2.7`

▼ ► 1 = — `STAT` `X Y` `1.2` `1.5` `0`

1 . 1 = 1 . 2 = 1 . 3 = 1 . 4 = 1 . 5 = 1 . 6 = 1 . 7 = 1 . 8 = 2 = — `STAT` `X Y` `2.7` `1.8`

AC — `STAT` `|` `0`

#062

SHIFT 1 (STAT) 4 (Sum) — `1:Σx² 2:Σx` `3:Σy² 4:Σy` `5:Σxy 6:Σx³` `7:Σx²y 8:Σx⁴`

5 (Σxy) = — `Σxy` `30.96`

SHIFT 1 (STAT) 5 (Var) — `1:n 2:x̄` `3:xσn 4:xσn−1` `5:ȳ 6:yσn` `7:yσn−1`

3 ($x\sigma n$) = — `xσn` `0.63`

SHIFT 1 (STAT) 6 (MinMax) — `1:minX 2:maxX` `3:minY 4:maxY`

4 (maxY) = — `maxY` `2`

#063

SHIFT 1 (STAT) 7 (Reg) — `1:A 2:B` `3:r 4:x̂` `5:ŷ`

1 (A) = — `A` `0.5043587805`

SHIFT 1 (STAT) 7 (Reg) 2 (B) = — `B` `0.4802217183`

SHIFT 1 (STAT) 7 (Reg) 3 (r) = — `r` `0.9952824846`

#064

*1 (−) 3 SHIFT 1 (STAT) 7 (Reg) 4 ($\hat{x}$) = — `−3x̂` `−7.297376705`

*2 2 SHIFT 1 (STAT) 7 (Reg) 5 ($\hat{y}$) = — `2ŷ` `1.464802217`

#065

$$A = \frac{\Sigma y}{n} - B\left(\frac{\Sigma x}{n}\right) - C\left(\frac{\Sigma x^2}{n}\right)$$

$$B = \frac{Sxy \cdot Sx^2x^2 - Sx^2y \cdot Sxx^2}{Sxx \cdot Sx^2x^2 - (Sxx^2)^2}$$

$$C = \frac{Sx^2y \cdot Sxx - Sxy \cdot Sxx^2}{Sxx \cdot Sx^2x^2 - (Sxx^2)^2}$$

$Sxx = \Sigma x^2 - \frac{(\Sigma x)^2}{n}$ $Sxy = \Sigma xy - \frac{(\Sigma x \cdot \Sigma y)}{n}$

$Sxx^2 = \Sigma x^3 - \frac{(\Sigma x \cdot \Sigma x^2)}{n}$ $Sx^2x^2 = \Sigma x^4 - \frac{(\Sigma x^2)^2}{n}$

$Sx^2y = \Sigma x^2y - \frac{(\Sigma x^2 \cdot \Sigma y)}{n}$

$$\hat{x}1 = \frac{-B + \sqrt{B^2 - 4C(A - y)}}{2C}$$

$$\hat{x}2 = \frac{-B - \sqrt{B^2 - 4C(A - y)}}{2C}$$

$\hat{y} = A + Bx + Cx^2$

#066

SHIFT 1 (STAT) 1 (Type) — `1:1-VAR 2:A+BX` `3:_+CX² 4:ln X` `5:e^X 6:A·B^X` `7:A·X^B 8:1/X`

3 (_+CX²) — `STAT` `X Y` `1.2 1.1` `1.5 1.2` `1`

AC — `STAT` `|` `0`

#067

SHIFT 1 (STAT) 7 (Reg) — `1:A 2:B` `3:C 4:x̂1` `5:x̂2 6:ŷ`

1 (A) = — `A` `0.7028598638`

SHIFT 1 (STAT) 7 (Reg) 2 (B) = — `B` `0.2576384379`

SHIFT 1 (STAT) 7 (Reg) 3 (C) = — `C` `0.05610274153`

#068

$y = 3 \rightarrow \hat{x}1 = ?$

3 SHIFT 1 (STAT) 7 (Reg) 4 ($\hat{x}1$) = — `3x̂1` `4.502211457`

$y = 3 \rightarrow \hat{x}2 = ?$

3 SHIFT 1 (STAT) 7 (Reg) 5 ($\hat{x}2$) = — `3x̂2` `−9.094472563`

$x = 2 \rightarrow \hat{y} = ?$

2 SHIFT 1 (STAT) 7 (Reg) 6 ($\hat{y}$) = — `2ŷ` `1.442547706`

#069

$A = \frac{\Sigma y - B \cdot \Sigma \ln x}{n}$ $B = \frac{n \cdot \Sigma(\ln x)y - \Sigma \ln x \cdot \Sigma y}{n \cdot \Sigma(\ln x)^2 - (\Sigma \ln x)^2}$

$$r = \frac{n \cdot \Sigma(\ln x)y - \Sigma \ln x \cdot \Sigma y}{\sqrt{\{n \cdot \Sigma(\ln x)^2 - (\Sigma \ln x)^2\}\{n \cdot \Sigma y^2 - (\Sigma y)^2\}}}$$

$\hat{x} = e^{\frac{y - A}{B}}$ $\hat{y} = A + B\ln x$

#070

$A = \exp\left(\frac{\Sigma \ln y - B \cdot \Sigma x}{n}\right)$ $B = \frac{n \cdot \Sigma x \ln y - \Sigma x \cdot \Sigma \ln y}{n \cdot \Sigma x^2 - (\Sigma x)^2}$

$$r = \frac{n \cdot \Sigma x \ln y - \Sigma x \cdot \Sigma \ln y}{\sqrt{\{n \cdot \Sigma x^2 - (\Sigma x)^2\}\{n \cdot \Sigma(\ln y)^2 - (\Sigma \ln y)^2\}}}$$

$\hat{x} = \frac{\ln y - \ln A}{B}$ $\hat{y} = Ae^{Bx}$

#071

$$A = \exp\left(\frac{\Sigma \ln y - \ln B \cdot \Sigma x}{n}\right)$$

$$B = \exp\left(\frac{n \cdot \Sigma x \ln y - \Sigma x \cdot \Sigma \ln y}{n \cdot \Sigma x^2 - (\Sigma x)^2}\right)$$

$$r = \frac{n \cdot \Sigma x \ln y - \Sigma x \cdot \Sigma \ln y}{\sqrt{\{n \cdot \Sigma x^2 - (\Sigma x)^2\}\{n \cdot \Sigma(\ln y)^2 - (\Sigma \ln y)^2\}}}$$

$\hat{x} = \frac{\ln y - \ln A}{\ln B}$ $\hat{y} = AB^x$

#072

$$A = \exp\left(\frac{\Sigma \ln y - B\cdot\Sigma \ln x}{n}\right)$$

$$B = \frac{n\cdot\Sigma \ln x \ln y - \Sigma \ln x\cdot\Sigma \ln y}{n\cdot\Sigma(\ln x)^2 - (\Sigma \ln x)^2}$$

$$r = \frac{n\cdot\Sigma \ln x \ln y - \Sigma \ln x\cdot\Sigma \ln y}{\sqrt{\{n\cdot\Sigma(\ln x)^2 - (\Sigma \ln x)^2\}\{n\cdot\Sigma(\ln y)^2 - (\Sigma \ln y)^2\}}}$$

$$\hat{x} = e^{\frac{\ln y - \ln A}{B}} \qquad \hat{y} = Ax^B$$

#073

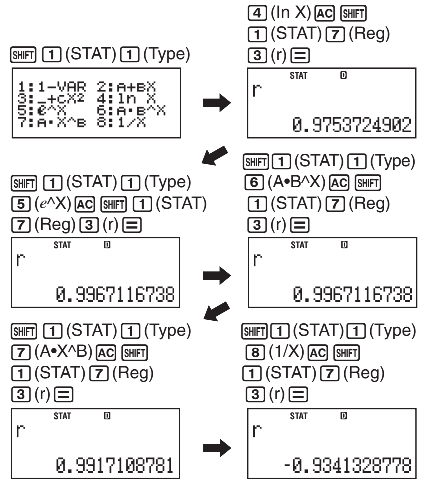
$$A = \frac{\Sigma y - B\cdot\Sigma x^{-1}}{n} \qquad B = \frac{Sxy}{Sxx}$$

$$r = \frac{Sxy}{\sqrt{Sxx\cdot Syy}} \qquad Sxx = \Sigma(x^{-1})^2 - \frac{(\Sigma x^{-1})^2}{n}$$

$$Syy = \Sigma y^2 - \frac{(\Sigma y)^2}{n} \qquad Sxy = \Sigma(x^{-1})y - \frac{\Sigma x^{-1}\cdot\Sigma y}{n}$$

$$\hat{x} = \frac{B}{y - A} \qquad \hat{y} = A + \frac{B}{x}$$

#074


SHIFT 1 (STAT) 1 (Type)

1:1-VAR 2:A+BX
3:_+CX2 4:ln X
5:e^X 6:A•B^X
7:A•X^B 8:1/X

4 (ln X) AC SHIFT 1 (STAT) 7 (Reg) 3 (r) =

r 0.9753724902

SHIFT 1 (STAT) 1 (Type) 5 (e^X) AC SHIFT 1 (STAT) 7 (Reg) 3 (r) =

r 0.9967116738

SHIFT 1 (STAT) 1 (Type) 6 (A•B^X) AC SHIFT 1 (STAT) 7 (Reg) 3 (r) =

r 0.9967116738

SHIFT 1 (STAT) 1 (Type) 7 (A•X^B) AC SHIFT 1 (STAT) 7 (Reg) 3 (r) =

r 0.9917108781

SHIFT 1 (STAT) 1 (Type) 8 (1/X) AC SHIFT 1 (STAT) 7 (Reg) 3 (r) =

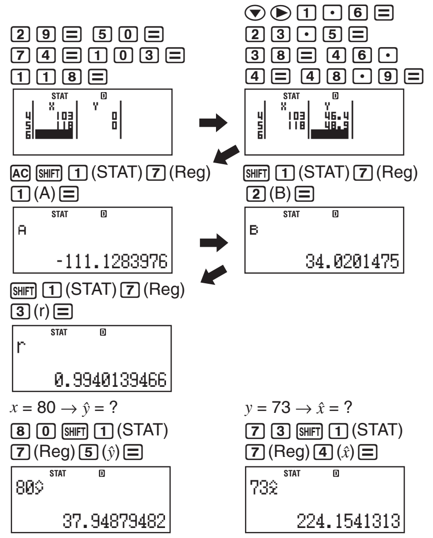
r -0.9341328778

#075

$y = A + B\ln x$

x	y
29	1.6
50	23.5
74	38.0
103	46.4
118	48.9

SHIFT MODE ▼ 4 (STAT) 2 (OFF)
MODE 3 (STAT) 4 (ln X)


2 9 = 5 0 = 7 4 = 1 0 3 = 1 1 8 =

▼ ▶ 1 . 6 = 2 3 . 5 = 3 8 = 4 6 . 4 = 4 8 . 9 =

AC SHIFT 1 (STAT) 7 (Reg) 1 (A) =

A -111.1283976

SHIFT 1 (STAT) 7 (Reg) 2 (B) =

B 34.0201475

SHIFT 1 (STAT) 7 (Reg) 3 (r) =

r 0.9940139466

$x = 80 \rightarrow \hat{y} = ?$

8 0 SHIFT 1 (STAT) 7 (Reg) 5 ($\hat{y}$) =

80ŷ 37.94879482

$y = 73 \rightarrow \hat{x} = ?$

7 3 SHIFT 1 (STAT) 7 (Reg) 4 ($\hat{x}$) =

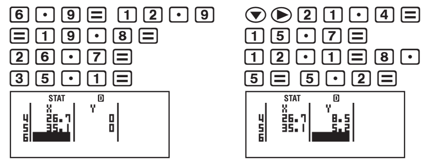
73x̂ 224.1541313

#076

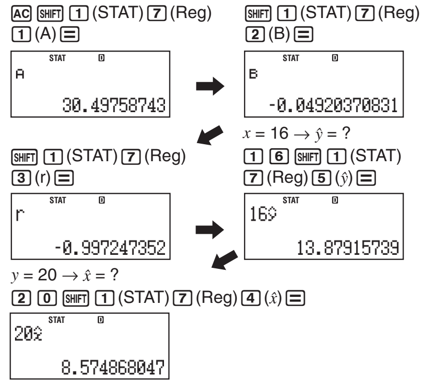
$y = Ae^{Bx}$

x	y
6.9	21.4
12.9	15.7
19.8	12.1
26.7	8.5
35.1	5.2

SHIFT MODE ▼ 4 (STAT) 2 (OFF)
MODE 3 (STAT) 5 (e^X)


6 . 9 = 1 2 . 9 = 1 9 . 8 = 2 6 . 7 = 3 5 . 1 =

▼ ▶ 2 1 . 4 = 1 5 . 7 = 1 2 . 1 = 8 . 5 = 5 . 2 =


AC SHIFT 1 (STAT) 7 (Reg) 1 (A) =

A 30.49758743

SHIFT 1 (STAT) 7 (Reg) 2 (B) =

B -0.04920370831

SHIFT 1 (STAT) 7 (Reg) 3 (r) =

r -0.997247352

$x = 16 \rightarrow \hat{y} = ?$

1 6 SHIFT 1 (STAT) 7 (Reg) 5 ($\hat{y}$) =

16ŷ 13.87915739

$y = 20 \rightarrow \hat{x} = ?$

2 0 SHIFT 1 (STAT) 7 (Reg) 4 ($\hat{x}$) =

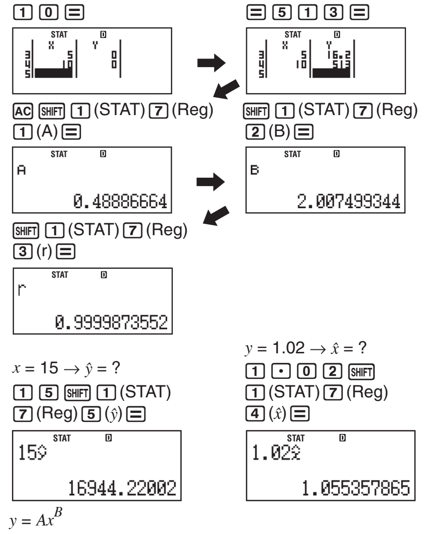
20x̂ 8.574868047

#077

$y = AB^x$

x	y
–1	0.24
3	4
5	16.2
10	513

SHIFT MODE ▼ 4 (STAT) 2 (OFF)
MODE 3 (STAT) 6 (A•B^X)


(–) 1 = 3 = 5 = 1 0 =

▼ ▶ 0 . 2 4 = 4 = 1 6 . 2 = 5 1 3 =

AC SHIFT 1 (STAT) 7 (Reg) 1 (A) =

A 0.48886664

SHIFT 1 (STAT) 7 (Reg) 2 (B) =

B 2.007499344

SHIFT 1 (STAT) 7 (Reg) 3 (r) =

r 0.9999873552

$x = 15 \rightarrow \hat{y} = ?$

1 5 SHIFT 1 (STAT) 7 (Reg) 5 ($\hat{y}$) =

15ŷ 16944.22002

$y = 1.02 \rightarrow \hat{x} = ?$

1 . 0 2 SHIFT 1 (STAT) 7 (Reg) 4 ($\hat{x}$) =

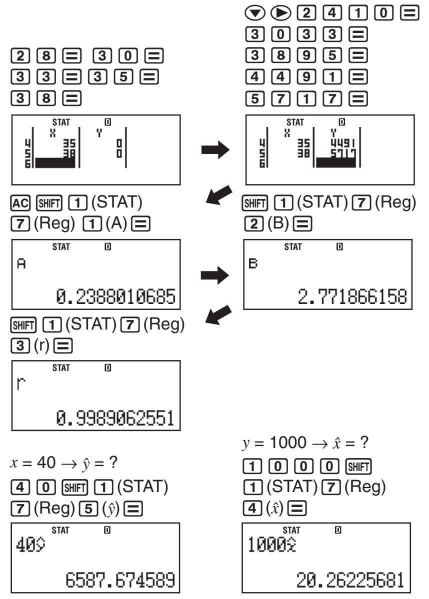
1.02x̂ 1.055357865

#078

$y = Ax^B$

x	y
28	2410
30	3033
33	3895
35	4491
38	5717

SHIFT MODE ▼ 4 (STAT) 2 (OFF)
MODE 3 (STAT) 7 (A•X^B)


2 8 = 3 0 = 3 3 = 3 5 = 3 8 =

▼ ▶ 2 4 1 0 = 3 0 3 3 = 3 8 9 5 = 4 4 9 1 = 5 7 1 7 =

AC SHIFT 1 (STAT) 7 (Reg) 1 (A) =

A 0.2388010685

SHIFT 1 (STAT) 7 (Reg) 2 (B) =

B 2.771866158

SHIFT 1 (STAT) 7 (Reg) 3 (r) =

r 0.9989062551

$x = 40 \rightarrow \hat{y} = ?$

4 0 SHIFT 1 (STAT) 7 (Reg) 5 ($\hat{y}$) =

40ŷ 6587.674589

$y = 1000 \rightarrow \hat{x} = ?$

1 0 0 0 SHIFT 1 (STAT) 7 (Reg) 4 ($\hat{x}$) =

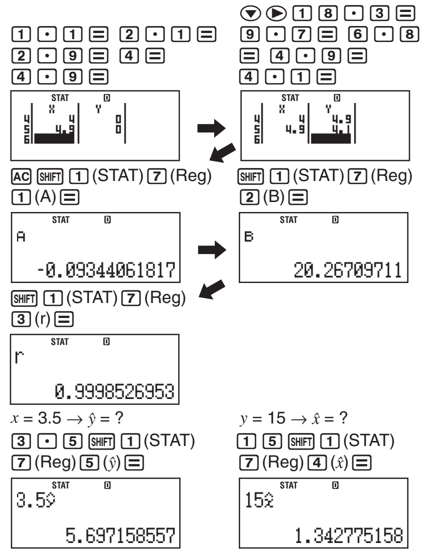
1000x̂ 20.26225681

#079

$y = A + \frac{B}{x}$

x	y
1.1	18.3
2.1	9.7
2.9	6.8
4.0	4.9
4.9	4.1

SHIFT MODE ▼ 4 (STAT) 2 (OFF)
MODE 3 (STAT) 8 (1/X)


1 . 1 = 2 . 1 = 2 . 9 = 4 = 4 . 9 =

▼ ▶ 1 8 . 3 = 9 . 7 = 6 . 8 = 4 . 9 = 4 . 1 =

AC SHIFT 1 (STAT) 7 (Reg) 1 (A) =

A -0.09344061817

SHIFT 1 (STAT) 7 (Reg) 2 (B) =

B 20.26709711

SHIFT 1 (STAT) 7 (Reg) 3 (r) =

r 0.9998526953

$x = 3.5 \rightarrow \hat{y} = ?$

3 . 5 SHIFT 1 (STAT) 7 (Reg) 5 ($\hat{y}$) =

3.5ŷ 5.697158557

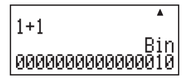
$y = 15 \rightarrow \hat{x} = ?$

1 5 SHIFT 1 (STAT) 7 (Reg) 4 ($\hat{x}$) =

15x̂ 1.342775158

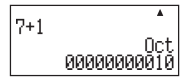
#080

AC BIN 1 + 1 =


1+1
Bin
0000000000000010

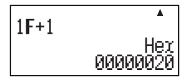
#081

AC OCT 7 + 1 =

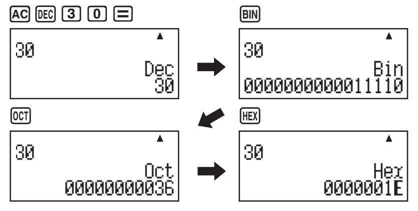

7+1
Oct
00000000010

#082

AC HEX 1 F + 1 =


1F+1
Hex
00000020

#083


AC DEC 3 0 =

30
Dec
30

BIN

30
Bin
0000000000011110

OCT

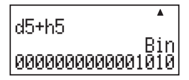
30
Oct
00000000036

HEX

30
Hex
0000001E

#084

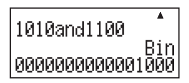
AC BIN SHIFT 3 (BASE) ▼ 1 (d) 5 + SHIFT 3 (BASE) ▼ 2 (h) 5 =


d5+h5
Bin
0000000000001010

#085

1010_2 and $1100_2 = 1000_2$

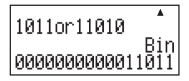
1 0 1 0 SHIFT 3 (BASE) 1 (and) 1 1 0 0 =


1010and1100
Bin
0000000000001000

#086

1011_2 or $11010_2 = 11011_2$

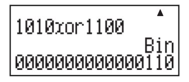
1 0 1 1 SHIFT 3 (BASE) 2 (or) 1 1 0 1 0 =


1011or11010
Bin
0000000000011011

#087

1010_2 xor $1100_2 = 110_2$

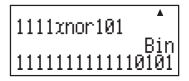
1 0 1 0 SHIFT 3 (BASE) 3 (xor) 1 1 0 0 =


1010xor1100
Bin
0000000000000110

#088

1111_2 xnor $101_2 = 1111111111110101_2$

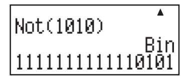
1 1 1 1 SHIFT 3 (BASE) 4 (xnor) 1 0 1 =


1111xnor101
Bin
1111111111110101

#089

Not $(1010_2) = 1111111111110101_2$

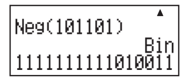
SHIFT 3 (BASE) 5 (Not) 1 0 1 0) =


Not(1010)
Bin
1111111111110101

#090

Neg $(101101_2) = 1111111111010011_2$

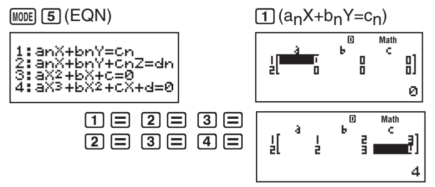
SHIFT 3 (BASE) 6 (Neg) 1 0 1 1 0 1) =


Neg(101101)
Bin
1111111111010011

#091

$$\begin{cases} X + 2Y = 3 \\ 2X + 3Y = 4 \end{cases}$$

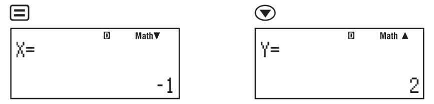
MATH


MODE 5 (EQN)

1:anX+bnY=cn
2:anX+bnY+cnZ=dn
3:aX2+bX+c=0
4:aX3+bX2+cX+d=0

1 ($a_nX+b_nY=c_n$)

1 = 2 = 3 = 2 = 3 = 4 =


=

X= -1

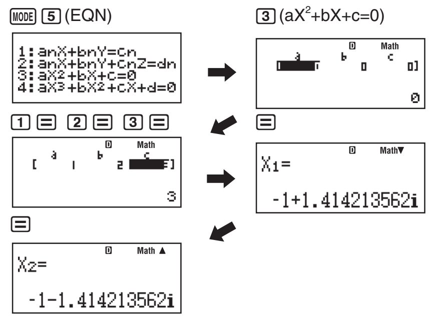
▼

Y= 2

#092

$X^2 + 2X + 3 = 0$

MATH


MODE 5 (EQN)

1:anX+bnY=cn
2:anX+bnY+cnZ=dn
3:aX2+bX+c=0
4:aX3+bX2+cX+d=0

3 ($aX^2+bX+c=0$)

1 = 2 = 3 =

=

X1= -1+1.414213562i

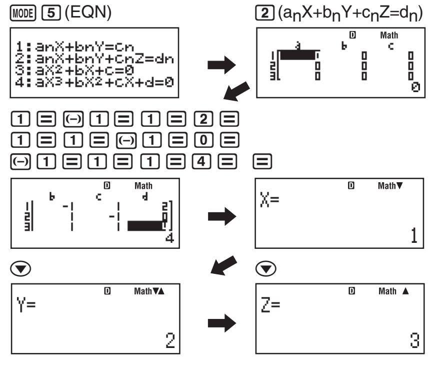
=

X2= -1-1.414213562i

#093

$$\begin{cases} X - Y + Z = 2 \\ X + Y - Z = 0 \\ -X + Y + Z = 4 \end{cases}$$

MATH


MODE 5 (EQN)

1:anX+bnY=cn
2:anX+bnY+cnZ=dn
3:aX2+bX+c=0
4:aX3+bX2+cX+d=0

2 ($a_nX+b_nY+c_nZ=d_n$)

1 = (–) 1 = 1 = 2 = 1 = 1 = (–) 1 = 0 = (–) 1 = 1 = 1 = 4 =

=

X= 1

▼

Y= 2

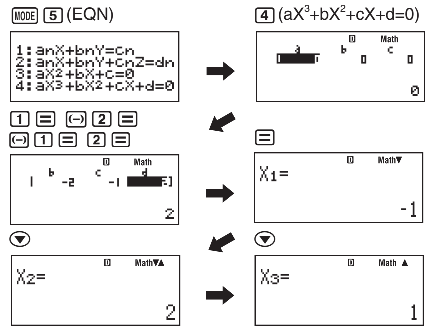
▼

Z= 3

#094

$X^3 - 2X^2 - X + 2 = 0$

MATH


MODE 5 (EQN)

1:anX+bnY=cn
2:anX+bnY+cnZ=dn
3:aX2+bX+c=0
4:aX3+bX2+cX+d=0

4 ($aX^3+bX^2+cX+d=0$)

1 = (–) 2 = (–) 1 = 2 =

=

X1= -1

▼

X2= 2

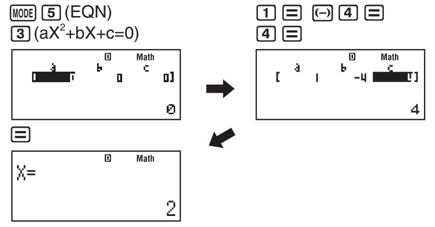
▼

X3= 1

#095

$X^2 - 4X + 4 = 0$

MATH

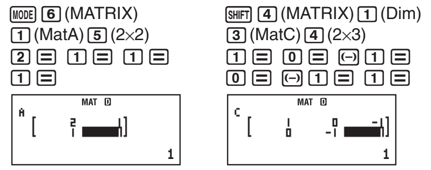

MODE 5 (EQN) 3 ($aX^2+bX+c=0$)

1 = (–) 4 = 4 =

=

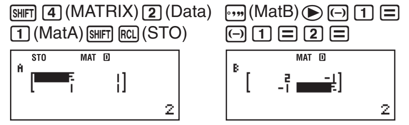
X= 2

#096


MODE 6 (MATRIX) 1 (MatA) 5 (2×2) 2 = 1 = 1 = 1 =

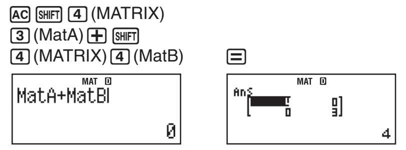
SHIFT 4 (MATRIX) 1 (Dim) 3 (MatC) 4 (2×3) 1 = 0 = (–) 1 = 0 = (–) 1 = 1 =

#097


SHIFT 4 (MATRIX) 2 (Data) 1 (MatA) SHIFT RCL (STO)

(MatB) ▶ (–) 1 = (–) 1 = 2 =

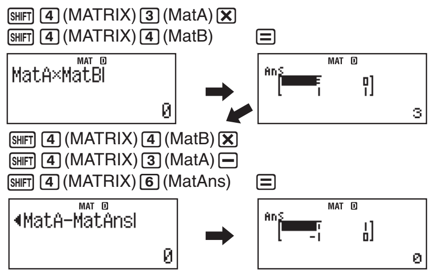
#098


AC SHIFT 4 (MATRIX) 3 (MatA) + SHIFT 4 (MATRIX) 4 (MatB)

MatA+MatB

=

#099


SHIFT 4 (MATRIX) 3 (MatA) × SHIFT 4 (MATRIX) 4 (MatB)

MatA×MatB

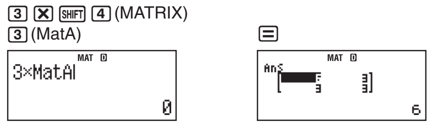
=

SHIFT 4 (MATRIX) 4 (MatB) × SHIFT 4 (MATRIX) 3 (MatA) − SHIFT 4 (MATRIX) 6 (MatAns)

◀MatA-MatAns

=

#100


3 × SHIFT 4 (MATRIX) 3 (MatA)

3×MatA

=

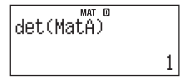
#101

$$\det\left[a_{11}\right] = a_{11} \qquad \det\begin{bmatrix} a_{11} & a_{12} \\ a_{21} & a_{22} \end{bmatrix} = a_{11}a_{22} - a_{12}a_{21}$$

$$\det\begin{bmatrix} a_{11} & a_{12} & a_{13} \\ a_{21} & a_{22} & a_{23} \\ a_{31} & a_{32} & a_{33} \end{bmatrix}$$

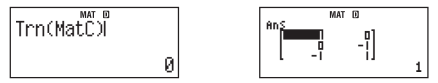
$$= a_{11}a_{22}a_{33} + a_{12}a_{23}a_{31} + a_{13}a_{21}a_{32} - a_{13}a_{22}a_{31} - a_{12}a_{21}a_{33} - a_{11}a_{23}a_{32}$$

SHIFT 4 (MATRIX) 7 (det) SHIFT 4 (MATRIX) 3 (MatA)) =


det(MatA)
1

#102

SHIFT 4 (MATRIX) 8 (Trn) SHIFT 4 (MATRIX) 5 (MatC))


Trn(MatC)

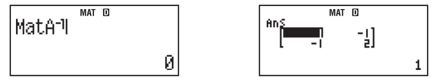
=

#103

$$\left[a_{11}\right]^{-1} = \left[\frac{1}{a_{11}}\right] \qquad \begin{bmatrix} a_{11} & a_{12} \\ a_{21} & a_{22} \end{bmatrix}^{-1} = \frac{\begin{bmatrix} a_{22} & -a_{12} \\ -a_{21} & a_{11} \end{bmatrix}}{a_{11}a_{22} - a_{12}a_{21}}$$

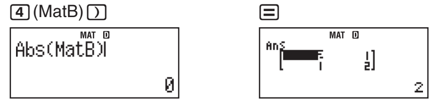
$$\begin{bmatrix} a_{11} & a_{12} & a_{13} \\ a_{21} & a_{22} & a_{23} \\ a_{31} & a_{32} & a_{33} \end{bmatrix}^{-1} = \frac{\begin{bmatrix} a_{22}a_{33} - a_{23}a_{32} & -a_{12}a_{33} + a_{13}a_{32} & a_{12}a_{23} - a_{13}a_{22} \\ -a_{21}a_{33} + a_{23}a_{31} & a_{11}a_{33} - a_{13}a_{31} & -a_{11}a_{23} + a_{13}a_{21} \\ a_{21}a_{32} - a_{22}a_{31} & -a_{11}a_{32} + a_{12}a_{31} & a_{11}a_{22} - a_{12}a_{21} \end{bmatrix}}{\det\begin{bmatrix} a_{11} & a_{12} & a_{13} \\ a_{21} & a_{22} & a_{23} \\ a_{31} & a_{32} & a_{33} \end{bmatrix}}$$

SHIFT 4 (MATRIX) 3 (MatA) x^{-1} =

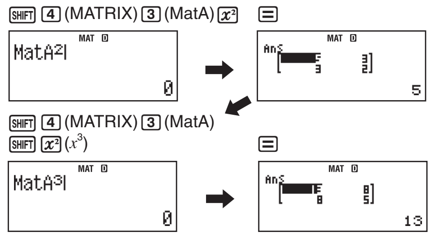

MatA⁻¹

#104

SHIFT hyp (Abs) SHIFT 4 (MATRIX) 4 (MatB)) =


Abs(MatB)

#105

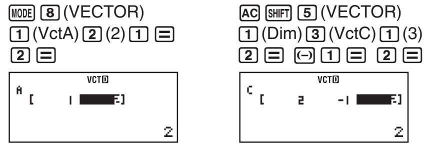

SHIFT 4 (MATRIX) 3 (MatA) x^2 =

MatA²

SHIFT 4 (MATRIX) 3 (MatA) SHIFT x^2 (x^3) =

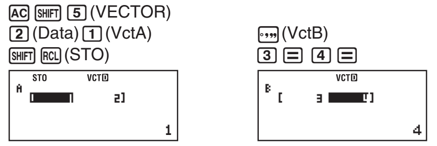
MatA³

#106


MODE 8 (VECTOR) 1 (VctA) 2 (2) 1 = 2 =

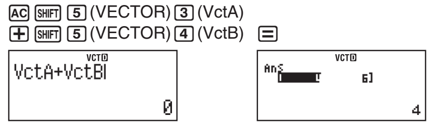
AC SHIFT 5 (VECTOR) 1 (Dim) 3 (VctC) 1 (3) 2 = (–) 1 = 2 =

#107


AC SHIFT 5 (VECTOR) 2 (Data) 1 (VctA) SHIFT RCL (STO)

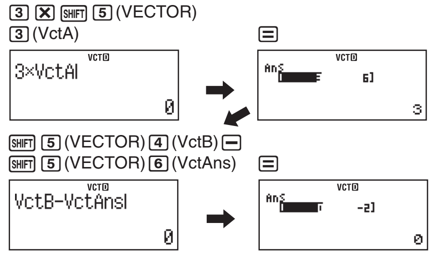
(VctB) 3 = 4 =

#108


AC SHIFT 5 (VECTOR) 3 (VctA) + SHIFT 5 (VECTOR) 4 (VctB) =

VctA+VctB

#109


3 × SHIFT 5 (VECTOR) 3 (VctA) =

3×VctA

SHIFT 5 (VECTOR) 4 (VctB) − SHIFT 5 (VECTOR) 6 (VctAns) =

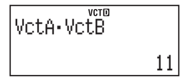
VctB-VctAns

#110

$(a_1, a_2)\cdot(b_1, b_2) = a_1b_1 + a_2b_2$

$(a_1, a_2, a_3)\cdot(b_1, b_2, b_3) = a_1b_1 + a_2b_2 + a_3b_3$

SHIFT 5 (VECTOR) 3 (VctA) SHIFT 5 (VECTOR) 7 (Dot) SHIFT 5 (VECTOR) 4 (VctB) =


VctA·VctB
11

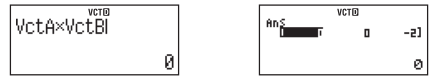
#111

$(a_1, a_2)\times(b_1, b_2) = (0, 0, a_1b_2 - a_2b_1)$

$(a_1, a_2, a_3)\times(b_1, b_2, b_3)$

$= (a_2b_3 - a_3b_2, a_3b_1 - a_1b_3, a_1b_2 - a_2b_1)$

SHIFT 5 (VECTOR) 3 (VctA) × SHIFT 5 (VECTOR) 4 (VctB) =

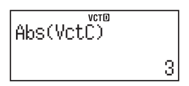

VctA×VctB

#112

$\text{Abs}(a_1, a_2) = \sqrt{a_1^2 + a_2^2}$

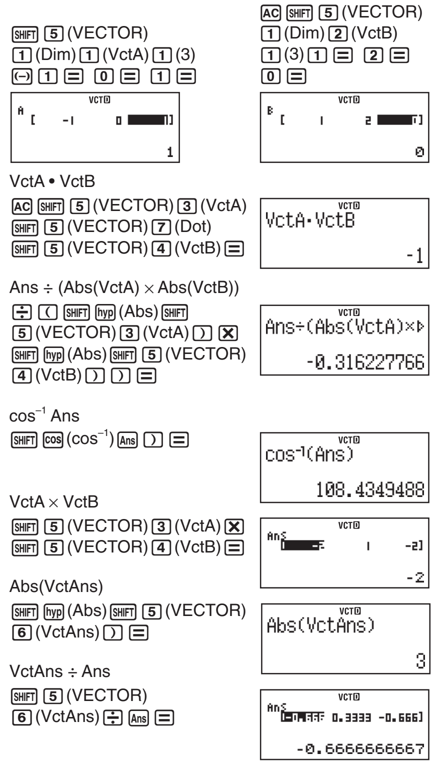
$\text{Abs}(a_1, a_2, a_3) = \sqrt{a_1^2 + a_2^2 + a_3^2}$

SHIFT hyp (Abs) SHIFT 5 (VECTOR) 5 (VctC)) =


Abs(VctC)
3

#113

Deg


SHIFT 5 (VECTOR) 1 (Dim) 1 (VctA) 1 (3) (–) 1 = 0 = 1 =

AC SHIFT 5 (VECTOR) 1 (Dim) 2 (VctB) 1 (3) 1 = 2 = 0 =

VctA • VctB

AC SHIFT 5 (VECTOR) 3 (VctA) SHIFT 5 (VECTOR) 7 (Dot) SHIFT 5 (VECTOR) 4 (VctB) =

VctA·VctB -1

Ans ÷ (Abs(VctA) × Abs(VctB))

÷ (SHIFT hyp (Abs) SHIFT 5 (VECTOR) 3 (VctA)) × SHIFT hyp (Abs) SHIFT 5 (VECTOR) 4 (VctB))) =

Ans÷(Abs(VctA)×▶ -0.316227766

$\cos^{-1}$ Ans

*1 SHIFT cos ($\cos^{-1}$) Ans) =

cos⁻¹(Ans) 108.4349488

VctA × VctB

SHIFT 5 (VECTOR) 3 (VctA) × SHIFT 5 (VECTOR) 4 (VctB) =

-2

Abs(VctAns)

SHIFT hyp (Abs) SHIFT 5 (VECTOR) 6 (VctAns)) =

Abs(VctAns) 3

VctAns ÷ Ans

*2 SHIFT 5 (VECTOR) 6 (VctAns) ÷ Ans =

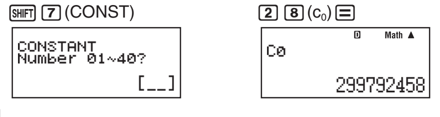
0.3333 -0.666] -0.6666666667

#114

01	mp	$1.67262158 \times 10^{-27}$ kg
02	mn	$1.67492716 \times 10^{-27}$ kg
03	me	$9.10938188 \times 10^{-31}$ kg
04	mμ	$1.88353109 \times 10^{-28}$ kg
05	a_0	$0.5291772083 \times 10^{-10}$ m
06	h	$6.62606876 \times 10^{-34}$ Js
07	μN	$5.05078317 \times 10^{-27}$ JT^{-1}
08	μB	$927.400899 \times 10^{-26}$ JT^{-1}
09	ℏ	$1.054571596 \times 10^{-34}$ Js
10	α	$7.297352533 \times 10^{-3}$
11	re	$2.817940285 \times 10^{-15}$ m
12	λc	$2.426310215 \times 10^{-12}$ m
13	γp	2.67522212×10^{8} s^{-1}T^{-1}
14	λcp	$1.321409847 \times 10^{-15}$ m
15	λcn	$1.319590898 \times 10^{-15}$ m
16	R∞	10973731.568549 m^{-1}
17	u	$1.66053873 \times 10^{-27}$ kg
18	μp	$1.410606633 \times 10^{-26}$ JT^{-1}
19	μe	$-928.476362 \times 10^{-26}$ JT^{-1}
20	μn	$-0.96623640 \times 10^{-26}$ JT^{-1}
21	μμ	$-4.49044813 \times 10^{-26}$ JT^{-1}
22	F	96485.3415 Cmol^{-1}
23	e	$1.602176462 \times 10^{-19}$ C
24	NA	$6.02214199 \times 10^{23}$ mol^{-1}
25	k	$1.3806503 \times 10^{-23}$ JK^{-1}
26	Vm	22.413996×10^{-3} m^3 mol^{-1}
27	R	8.314472 Jmol^{-1} K^{-1}
28	C_0	299792458 ms^{-1}
29	C_1	$3.74177107 \times 10^{-16}$ Wm^2
30	C_2	1.4387752×10^{-2} mK
31	σ	5.670400×10^{-8} Wm^{-2} K^{-4}
32	ε_0	$8.854187817 \times 10^{-12}$ Fm^{-1}
33	μ_0	$12.566370614 \times 10^{-7}$ NA^{-2}
34	ϕ_0	$2.067833636 \times 10^{-15}$ Wb
35	g	9.80665 ms^{-2}
36	G_0	$7.748091696 \times 10^{-5}$ S
37	Z_0	376.730313461 Ω
38	t	273.15 K
39	G	6.673×10^{-11} m^3 kg^{-1} s^{-2}
40	atm	101325 Pa

#115

MATH


SHIFT 7 (CONST)

CONSTANT
Number 01~40?
[__]

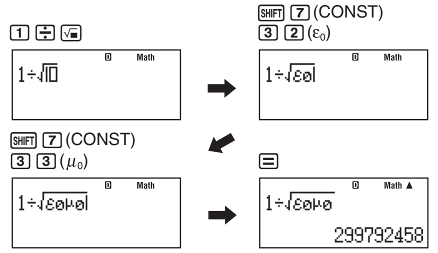
2 8 (c_0) =

C0 299792458

#116

$c_0 = 1/\sqrt{\varepsilon_0\mu_0}$

MATH


1 ÷ √

1÷√

SHIFT 7 (CONST) 3 2 (ε_0)

1÷√ε0

SHIFT 7 (CONST) 3 3 (μ_0)

1÷√ε0μ0

=

1÷√ε0μ0 299792458

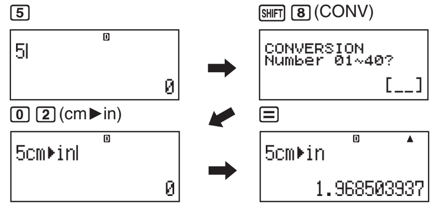
#117

01	in ▶ cm	1 [inch] = 2.54 [cm]
02	cm ▶ in	1 [cm] = (1/2.54) [inch]
03	ft ▶ m	1 [ft] = 0.3048 [m]
04	m ▶ ft	1 [m] = (1/0.3048) [ft]
05	yd ▶ m	1 [yd] = 0.9144 [m]
06	m ▶ yd	1 [m] = (1/0.9144) [yd]
07	mile ▶ km	1 [mile] = 1.609344 [km]
08	km ▶ mile	1 [km] = (1/1.609344) [mile]
09	n mile ▶ m	1 [n mile] = 1852 [m]
10	m ▶ n mile	1 [m] = (1/1852) [n mile]
11	acre ▶ m^2	1 [acre] = 4046.856 [m^2]
12	m^2 ▶ acre	1 [m^2] = (1/4046.856) [acre]
13	gal (US) ▶ ℓ	1 [gal (US)] = 3.785412 [ℓ]
14	ℓ ▶ gal (US)	1 [ℓ] = (1/3.785412) [gal (US)]
15	gal (UK) ▶ ℓ	1 [gal (UK)] = 4.54609 [ℓ]
16	ℓ ▶ gal (UK)	1 [ℓ] = (1/4.54609) [gal (UK)]
17	pc ▶ km	1 [pc] = 3.085678×10^{13} [km]
18	km ▶ pc	1 [km] = $(1/(3.085678 \times 10^{13}))$ [pc]
19	km/h ▶ m/s	1 [km/h] = (5/18) [m/s]
20	m/s ▶ km/h	1 [m/s] = (18/5) [km/h]
21	oz ▶ g	1 [oz] = 28.34952 [g]
22	g ▶ oz	1 [g] = (1/28.34952) [oz]
23	lb ▶ kg	1 [lb] = 0.4535924 [kg]
24	kg ▶ lb	1 [kg] = (1/0.4535924) [lb]
25	atm ▶ Pa	1 [atm] = 101325 [Pa]
26	Pa ▶ atm	1 [Pa] = (1/101325) [atm]
27	mmHg ▶ Pa	1 [mmHg] = 133.3224 [Pa]
28	Pa ▶ mmHg	1 [Pa] = (1/133.3224) [mmHg]
29	hp ▶ kW	1 [hp] = 0.7457 [kW]
30	kW ▶ hp	1 [kW] = (1/0.7457) [hp]
31	kgf/cm^2 ▶ Pa	1 [kgf/cm^2] = 98066.5 [Pa]
32	Pa ▶ kgf/cm^2	1 [Pa] = (1/98066.5) [kgf/cm^2]
33	kgf • m ▶ J	1 [kgf • m] = 9.80665 [J]
34	J ▶ kgf • m	1 [J] = (1/9.80665) [kgf • m]
35	lbf/in^2 ▶ kPa	1 [lbf/in^2] = 6.894757 [kPa]
36	kPa ▶ lbf/in^2	1 [kPa] = (1/6.894757) [lbf/in^2]
37	°F ▶ °C	t [°F] = (t – 32)/1.8 [°C]
38	°C ▶ °F	t [°C] = (1.8 × t + 32) [°F]
39	J ▶ cal	1 [J] = (1/4.1858) [cal] *
40	cal ▶ J	1 [cal] = 4.1858 [J]

#118

5cm = ? in

LINE


5

5 0

SHIFT 8 (CONV)

CONVERSION
Number 01~40?
[__]

0 2 (cm▶in)

5cm▶in 0

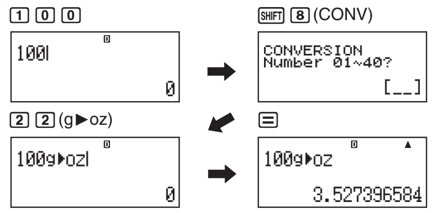
=

5cm▶in 1.968503937

#119

100g = ? oz

LINE


1 0 0

100 0

SHIFT 8 (CONV)

CONVERSION
Number 01~40?
[__]

2 2 (g▶oz)

100g▶oz 0

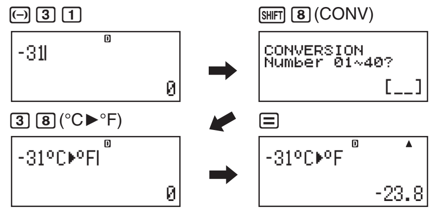
=

100g▶oz 3.527396584

#120

–31°C = ? °F

LINE


(–) 3 1

-31 0

SHIFT 8 (CONV)

CONVERSION
Number 01~40?
[__]

3 8 (°C▶°F)

-31°C▶°F 0

=

-31°C▶°F -23.8