fx-500ES

Appendix ***Phụ lục***
Apéndice ***ملحق***
Appendice ***Lampiran***
附錄 ***Apêndice***

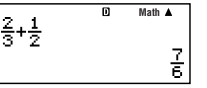
RCA502135-001V01

CASIO®

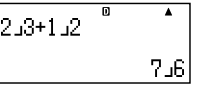
http://world.casio.com/edu/

#001

MATH [▤] [2] [▼] [3] [▶] [+]
[▤] [1] [▼] [2] [=]



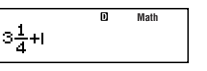
LINE [2] [▤] [3] [+] [1]
[▤] [2] [=]



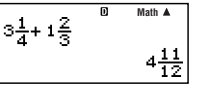
#002

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

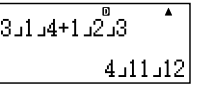
MATH [SHIFT] [▤] (■믐) [3] [▶]
[1] [▼] [4] [▶] [+]



[SHIFT] [▤] (■믐) [1] [▶] [2]
[▼] [3] [=]

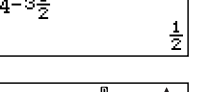


LINE [3] [▤] [1] [▤] [4] [+]
[1] [▤] [2] [▤] [3] [=]

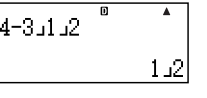


$4 - 3\frac{1}{2} = \frac{1}{2}$

MATH [4] [−] [SHIFT] [▤] (■믐)
[3] [▶] [1] [▼] [2] [=]

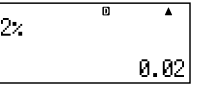


LINE
[4] [−] [3] [▤] [1] [▤] [2] [=]



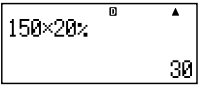
#003 **LINE**

[2] [SHIFT] [(] (%) [=]



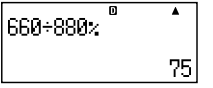
#004 LINE

1 5 0 × 2 0
SHIFT ((%) =



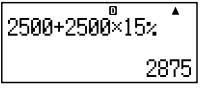
#005 LINE

6 6 0 ÷ 8 8 0
SHIFT ((%) =



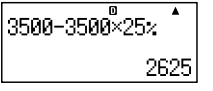
#006 LINE

2 5 0 0 + 2 5 0 0
× 1 5 SHIFT ((%) =



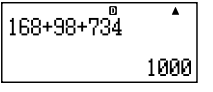
#007 LINE

3 5 0 0 − 3 5 0 0
× 2 5 SHIFT ((%) =

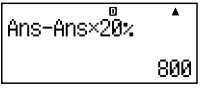


#008 LINE

1 6 8 + 9 8 +
7 3 4 =

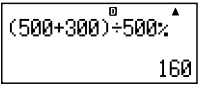


− Ans × 2 0 SHIFT ((%) =



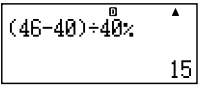
#009 LINE

(5 0 0 + 3 0 0)
÷ 5 0 0 SHIFT ((%) =

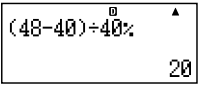


#010 LINE

(46−40)÷40% =

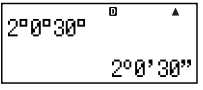


◀◀◀◀ DEL 8 =



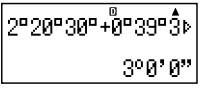
#011 LINE

2 °‘‘ 0 °‘‘ 3 0 °‘‘ =



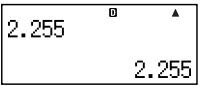
#012 LINE

2 °‘‘ 2 0 °‘‘ 3 0 °‘‘ +
0 °‘‘ 3 9 °‘‘ 3 0 °‘‘ =

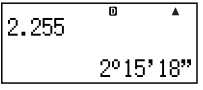


#013 LINE

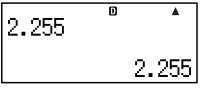
2 • 2 5 5 =



°‘‘

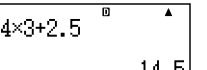


°‘‘

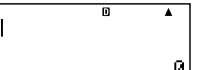


#014 **LINE** $4 \times 3 + 2.5 = 14.5$
$4 \times 3 - 7.1 = 4.9$

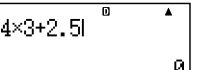
[4] [×] [3] [+] [2] [•] [5] [=]



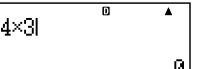
[AC]



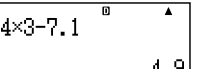
[◀]



[DEL] [DEL] [DEL] [DEL]

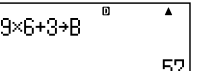


[−] [7] [•] [1] [=]

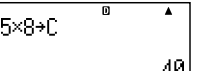


#015 **LINE** $\frac{9 \times 6 + 3}{5 \times 8} = 1.425$

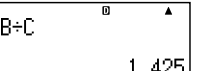
[9] [×] [6] [+] [3]
[SHIFT] [RCL] (STO) [,,,] (B)



[5] [×] [8] [SHIFT] [RCL] (STO) [hyp] (C)

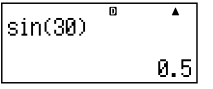


[ALPHA] [,,,] (B) [÷] [ALPHA] [hyp] (C) [=]

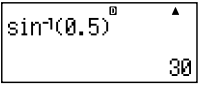


#016 LINE Deg

sin 3 0) =

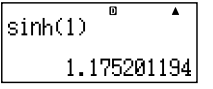


SHIFT sin ($\sin^{-1}$) 0 · 5) =

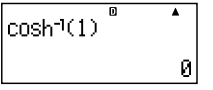


#017 LINE

hyp 1 (sinh) 1) =

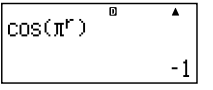


hyp 5 ($\cosh^{-1}$) 1) =

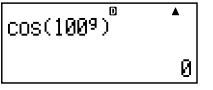


#018 LINE Deg

cos SHIFT ×10ˣ (π) SHIFT Ans (DRG▶) 2 (^{r})) =

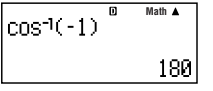


cos 1 0 0 SHIFT Ans (DRG▶) 3 (^{g})) =

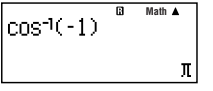


#019 MATH

Deg SHIFT cos ($\cos^{-1}$) (−) 1) =

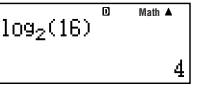


Rad SHIFT cos ($\cos^{-1}$) (−) 1) =

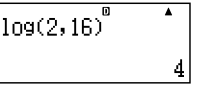


#020 $\log_2 16 = 4$

MATH $\log_{\square}$ 2 ▶ 1 6 =

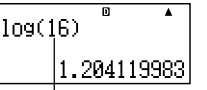


LINE log 2 SHIFT) (,) 1 6) =



#021 **LINE** log16 = 1.204119983

log 1 6) =

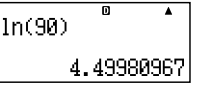


*1

#022 **LINE**

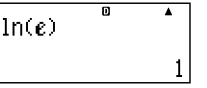
ln 90 (= $\log_e 90$) = 4.49980967

ln 9 0) =



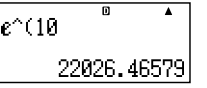
ln e = 1

ln ALPHA x10^ (e)) =



#023 **LINE** $e^{10} = 22026.46579$

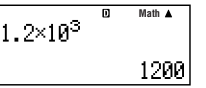
SHIFT ln ($e^{\blacksquare}$) 1 0 =



#024 **MATH**

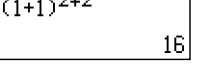
$1.2 \times 10^3 = 1200$

1 · 2 ×
SHIFT log (10^■) 3 =



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

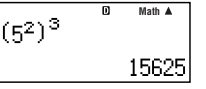
(1 + 1) $x^{\blacksquare}$ 2 + 2 =



#025

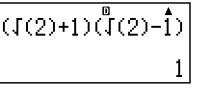
$(5^2)^3 = 15625$

MATH (5 x^2)
x^3 =



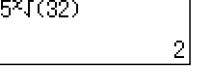
$(\sqrt{2} + 1)(\sqrt{2} - 1) = 1$

LINE (√■ 2) + 1)
(√■ 2) − 1) =



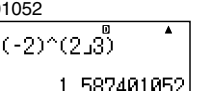
$\sqrt[5]{32} = 2$

5 SHIFT $x^{\blacksquare}$ ($\sqrt[\blacksquare]{\square}$) 3 2) =



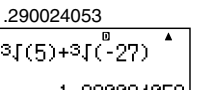
#026 **LINE** $(-2)^{\frac{2}{3}} = 1.587401052$

((−) 2) $x^{\blacksquare}$
2 $\frac{\blacksquare}{\blacksquare}$ 3) =



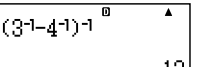
#027 **LINE** $\sqrt[3]{5} + \sqrt[3]{-27} = -1.290024053$

SHIFT √■ ($\sqrt[3]{\blacksquare}$) 5) +
SHIFT √■ ($\sqrt[3]{\blacksquare}$) (−) 2 7) =



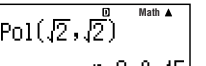
#028 **LINE** $\dfrac{1}{\frac{1}{3}-\frac{1}{4}} = 12$

(3 x^{-1} − 4 x^{-1}) x^{-1} =

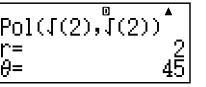


#029 **Deg** (X, Y) = ($\sqrt{2}$, $\sqrt{2}$) → (r, θ)

MATH SHIFT + (Pol) $\sqrt{\blacksquare}$ 2 ▶
SHIFT) (,) $\sqrt{\blacksquare}$ 2 ▶) =

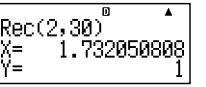


LINE SHIFT + (Pol) $\sqrt{\blacksquare}$ 2)
SHIFT) (,) $\sqrt{\blacksquare}$ 2)) =



#030 **LINE** **Deg** (r, θ) = (2, 30) → (X, Y)

SHIFT − (Rec) 2 SHIFT) (,)
3 0) =

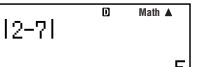


#031 **LINE**

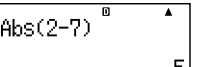
(5 + 3) SHIFT x^{-1} ($x!$) =

#032

MATH Abs 2 − 7 =

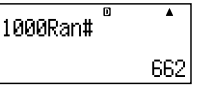


LINE Abs 2 − 7) =

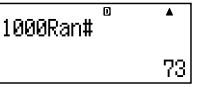


#033 **LINE**

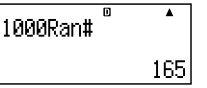
1 0 0 0
SHIFT · (Ran#) =



=

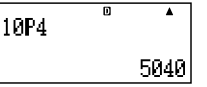


=

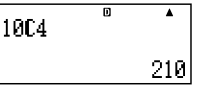


#034 **LINE**

1 0 SHIFT × (*n*Pr) 4 =

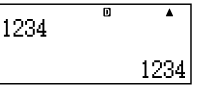


1 0 SHIFT ÷ (*n*Cr) 4 =

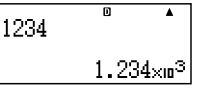


#035 **LINE**

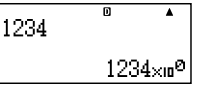
1 2 3 4 =



ENG

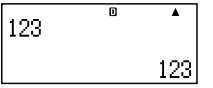


ENG

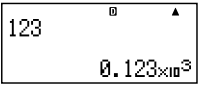


#036 **LINE**

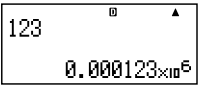
[1] [2] [3] [=]



[SHIFT] [ENG] (←)

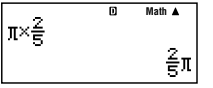


[SHIFT] [ENG] (←)

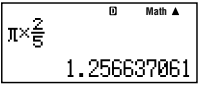


#037 **MATH**

[SHIFT] [×10^□] (π) [×] [▤] [2] [▼] [5] [=]

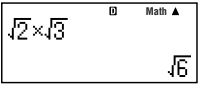


[S⇔D]

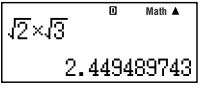


#038 **MATH**

[√■] [2] [▶] [×] [√■] [3] [=]



[S⇔D]



#039

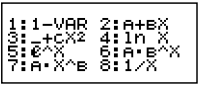
$$\bar{x} = \frac{\Sigma x}{n}$$

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

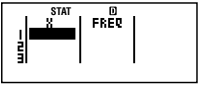
$$x\sigma n - 1 = \sqrt{\frac{\Sigma (x - \bar{x})^2}{n - 1}}$$

#040

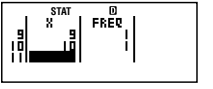
SHIFT MODE ▼ 4 (STAT) 1 (ON)
MODE 2 (STAT)



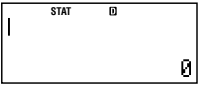
1 (1-VAR)



1 = 2 = 3 = 4 =
5 = 6 = 7 = 8 =
9 = 1 0 =

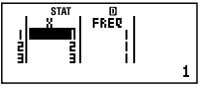


AC

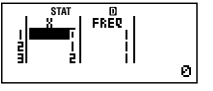


#041

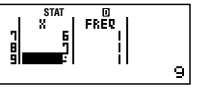
SHIFT 1 (STAT) 2 (Data)



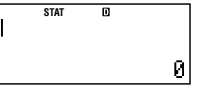
SHIFT 1 (STAT) 3 (Edit) 1 (Ins)



(▼)(▼)(▼)(▼)(▼)(▼)(▼)(▼)(DEL)

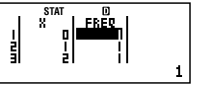


(AC)

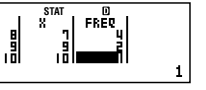


#042

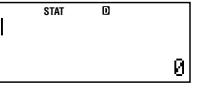
(SHIFT)(1)(STAT)(2)(Data)(▶)



(▼)(2)(=)(▼)(2)(=)(2)(=)
(2)(=)(3)(=)(4)(=)(2)(=)

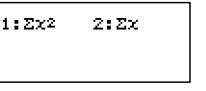


(AC)

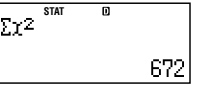


#043

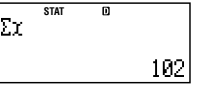
(SHIFT)(1)(STAT)(4)(Sum)



(1)(Σx^2)(=)

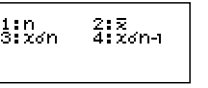


(SHIFT)(1)(STAT)(4)(Sum)
(2)(Σx)(=)

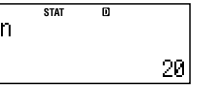


#044

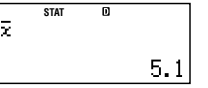
SHIFT 1 (STAT) 5 (Var)



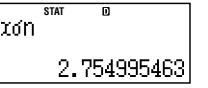
1 (n) =



SHIFT 1 (STAT) 5 (Var) 2 ($\bar{x}$) =

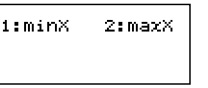


SHIFT 1 (STAT) 5 (Var)
3 ($x\sigma n$) =

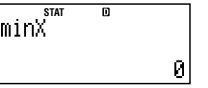


#045

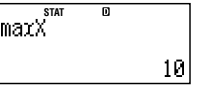
SHIFT 1 (STAT) 6 (MinMax)



1 (minX) =



SHIFT 1 (STAT) 6 (MinMax)
2 (maxX) =



#046

$$\bar{x} = \frac{\Sigma x}{n}$$

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

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

$$\bar{y} = \frac{\Sigma y}{n}$$

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

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

$$A = \frac{\Sigma y - B \cdot \Sigma x}{n}$$

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

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

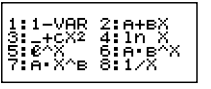
$$\hat{x} = \frac{y - A}{B}$$

$$\hat{y} = A + Bx$$

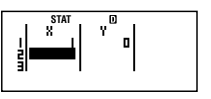
#047

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

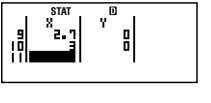
SHIFT MODE ▼ 4 (STAT) 2 (OFF)
MODE 2 (STAT)



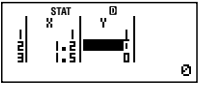
2 (A+BX) 1 =



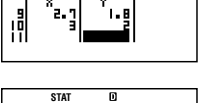
1 • 2 = 1 • 5 =
1 • 6 = 1 • 9 =
2 • 1 = 2 • 4 =
2 • 5 = 2 • 7 =
3 =



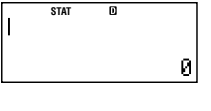
▼ ▶ 1 =



1 • 1 = 1 • 2 =
1 • 3 = 1 • 4 =
1 • 5 = 1 • 6 =
1 • 7 = 1 • 8 =
2 =

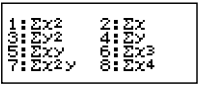


AC

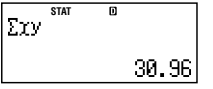


#048

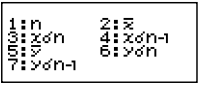
SHIFT 1 (STAT) 4 (Sum)



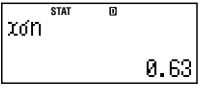
5 (Σxy) =



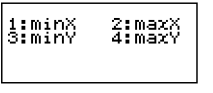
SHIFT 1 (STAT) 5 (Var)



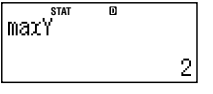
3 ($x\sigma n$) =



SHIFT 1 (STAT) 6 (MinMax)

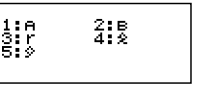


4 (maxY) =

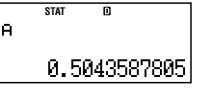


#049

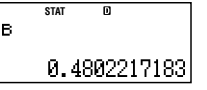
[SHIFT] [1] (STAT) [7] (Reg)



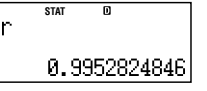
[1] (A) [=]



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

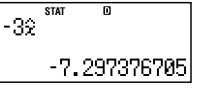


[SHIFT] [1] (STAT) [7] (Reg) [3] (r) [=]

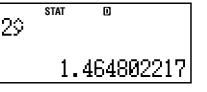


#050

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



*2 [2] [SHIFT] [1] (STAT) [7] (Reg)
[5] ($\hat{y}$) [=]



#051

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

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

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

$$Sxx = \Sigma x^2 - \frac{(\Sigma x)^2}{n}$$

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

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

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

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

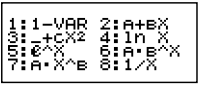
$$\hat{x}_1 = \frac{-B + \sqrt{B^2 - 4C(A - y)}}{2C}$$

$$\hat{x}_2 = \frac{-B - \sqrt{B^2 - 4C(A - y)}}{2C}$$

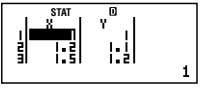
$$\hat{y} = A + Bx + Cx^2$$

#052

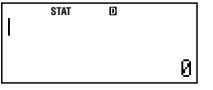
SHIFT 1 (STAT) 1 (Type)



3 (_+CX²)

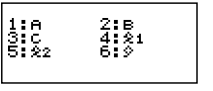


AC

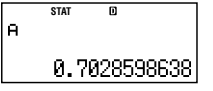


#053

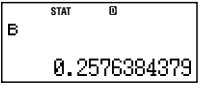
SHIFT 1 (STAT) 7 (Reg)



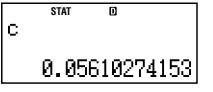
1 (A) =



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



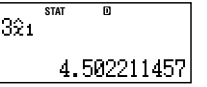
SHIFT 1 (STAT) 7 (Reg)
3 (C) =



#054

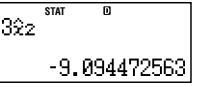
$y = 3 \rightarrow \hat{x}_1 = ?$

3 SHIFT 1 (STAT) 7 (Reg) 4 ($\hat{x}_1$) =



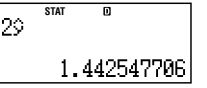
$y = 3 \rightarrow \hat{x}_2 = ?$

3 SHIFT 1 (STAT) 7 (Reg) 5 ($\hat{x}_2$) =



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

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



#055

$$A = \frac{\Sigma y - B \cdot \Sigma \ln x}{n}$$

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

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

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

$$\hat{y} = A + B \ln x$$

#056

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

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

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

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

$$\hat{y} = Ae^{Bx}$$

#057

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

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

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

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

$$\hat{y} = AB^x$$

#058

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

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

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

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

$$\hat{y} = Ax^B$$

#059

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

$$B = \frac{Sxy}{Sxx}$$

$$r = \frac{Sxy}{\sqrt{Sxx \cdot Syy}}$$

$$Sxx = \Sigma (x^{-1})^2 - \frac{(\Sigma x^{-1})^2}{n}$$

$$Syy = \Sigma y^2 - \frac{(\Sigma y)^2}{n}$$

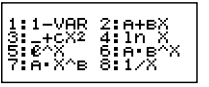
$$Sxy = \Sigma (x^{-1}) y - \frac{\Sigma x^{-1} \cdot \Sigma y}{n}$$

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

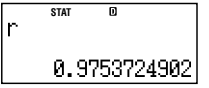
$$\hat{y} = A + \frac{B}{x}$$

#060

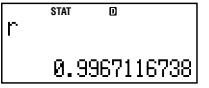
SHIFT 1 (STAT) 1 (Type)



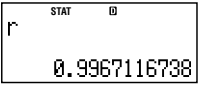
4 (ln X) AC SHIFT 1 (STAT)
7 (Reg) 3 (r) =



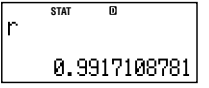
SHIFT 1 (STAT) 1 (Type)
5 (*e*^X) AC SHIFT 1 (STAT)
7 (Reg) 3 (r) =



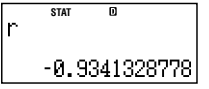
SHIFT 1 (STAT) 1 (Type)
6 (A•B^X) AC SHIFT 1 (STAT)
7 (Reg) 3 (r) =



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



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

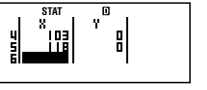


#061 $y = A + B\ln x$

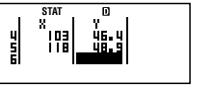
x	y
29	1.6
50	23.5
74	38.0
103	46.4
118	48.9

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

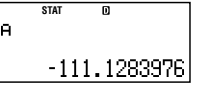
2 9 = 5 0 = 7 4 =
1 0 3 = 1 1 8 =



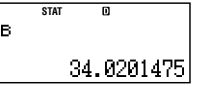
▼ ▶ 1 · 6 =
2 3 · 5 =
3 8 = 4 6 · 4 =
4 8 · 9 =



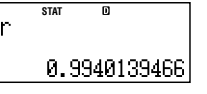
AC SHIFT 1 (STAT) 7 (Reg)
1 (A) =



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

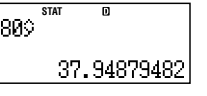


SHIFT 1 (STAT) 7 (Reg)
3 (r) =



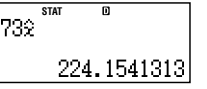
$x = 80 \rightarrow \hat{y} = ?$

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



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

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

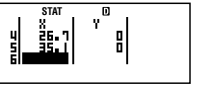


#062 $y = Ae^{Bx}$

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

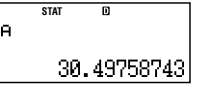
SHIFT MODE ▼ 4 (STAT) 2 (OFF)
MODE 2 (STAT) 5 (e^X)

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

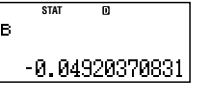


▼ ▶ 2 1 • 4 =
1 5 • 7 =
1 2 • 1 = 8 • 5 =
5 • 2 =

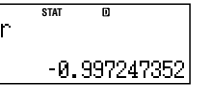
AC SHIFT 1 (STAT) 7 (Reg)
1 (A) =



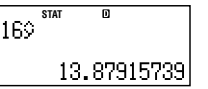
SHIFT 1 (STAT) 7 (Reg)
2 (B) =



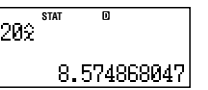
SHIFT 1 (STAT) 7 (Reg)
3 (r) =



$x = 16 \rightarrow \hat{y} = ?$
1 6 SHIFT 1 (STAT) 7 (Reg)
5 ($\hat{y}$) =



$y = 20 \rightarrow \hat{x} = ?$
2 0 SHIFT 1 (STAT) 7 (Reg)
4 ($\hat{x}$) =

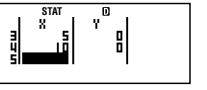


#063 $y = AB^x$

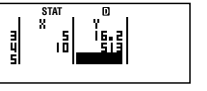
x	y
–1	0.24
3	4
5	16.2
10	513

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

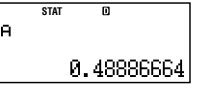
(↔) 1 = 3 = 5 =
1 0 =



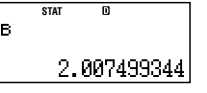
▼ ▶ 0 • 2 4 = 4 =
1 6 • 2 = 5 1 3 =



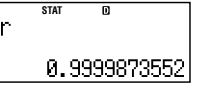
AC SHIFT 1 (STAT) 7 (Reg)
1 (A) =



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

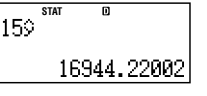


SHIFT 1 (STAT) 7 (Reg)
3 (r) =



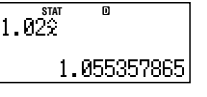
$x = 15 \rightarrow \hat{y} = ?$

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



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

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

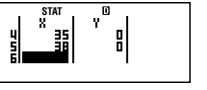


#064 $y = Ax^B$

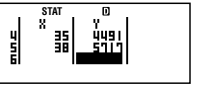
x	y
28	2410
30	3033
33	3895
35	4491
38	5717

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

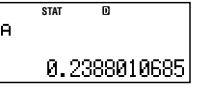
2 8 = 3 0 = 3 3 =
3 5 = 3 8 =



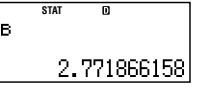
▼ ▶ 2 4 1 0 =
3 0 3 3 =
3 8 9 5 =
4 4 9 1 =
5 7 1 7 =



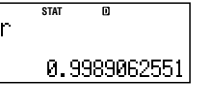
AC SHIFT 1 (STAT) 7 (Reg)
1 (A) =



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

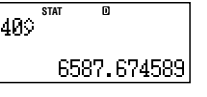


SHIFT 1 (STAT) 7 (Reg)
3 (r) =



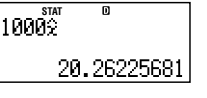
$x = 40 \rightarrow \hat{y} = ?$

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



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

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

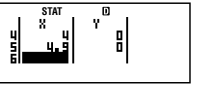


#065 $y = A + \frac{B}{x}$

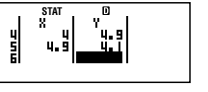
x	y
1.1	18.3
2.1	9.7
2.9	6.8
4.0	4.9
4.9	4.1

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

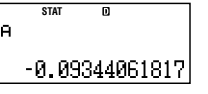
1 • 1 = 2 • 1 =
2 • 9 = 4 =
4 • 9 =



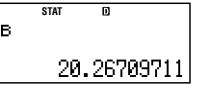
▼ ▶ 1 8 • 3 =
9 • 7 = 6 • 8 =
4 • 9 = 4 • 1 =



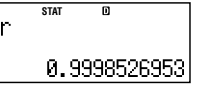
AC SHIFT 1 (STAT) 7 (Reg)
1 (A) =



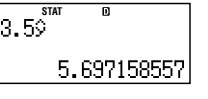
SHIFT 1 (STAT) 7 (Reg)
2 (B) =



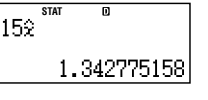
SHIFT 1 (STAT) 7 (Reg)
3 (r) =



$x = 3.5 \rightarrow \hat{y} = ?$
3 • 5 SHIFT 1 (STAT)
7 (Reg) 5 ($\hat{y}$) =

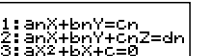


$y = 15 \rightarrow \hat{x} = ?$
1 5 SHIFT 1 (STAT) 7 (Reg)
4 ($\hat{x}$) =

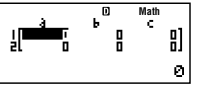


#066 **MATH** $\begin{cases} X + 2Y = 3 \\ 2X + 3Y = 4 \end{cases}$

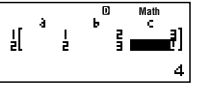
MODE 3 (EQN)



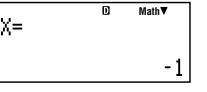
1 ($a_nX+b_nY=c_n$)



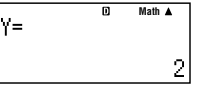
1 = 2 = 3 =
2 = 3 = 4 =



=

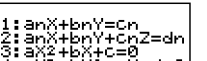


▼

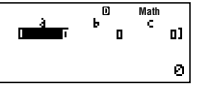


#067 **MATH** $X^2 + 2X + 3 = 0$

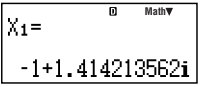
MODE 3 (EQN)



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



1 = 2 = 3 =



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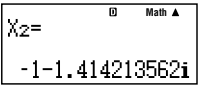
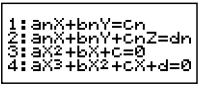


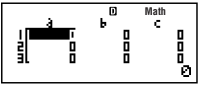
#068 **MATH**

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

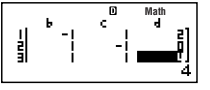
MODE 3 (EQN)



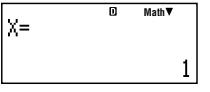
2 ($a_nX+b_nY+c_nZ=d_n$)



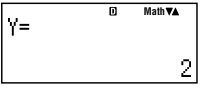
1 = (↔) 1 = 1 = 2 =
1 = 1 = (↔) 1 = 0 =
(↔) 1 = 1 = 1 = 4 =



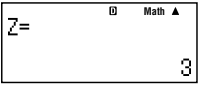
=



▼

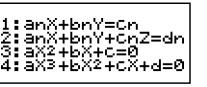


▼

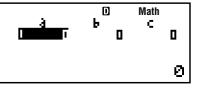


#069 **MATH** $X^3 - 2X^2 - X + 2 = 0$

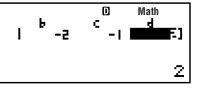
MODE 3 (EQN)



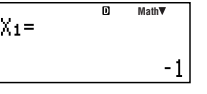
4 ($aX^3+bX^2+cX+d=0$)



1 = (↔) 2 =
(↔) 1 = 2 =



=



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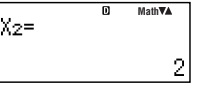
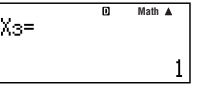
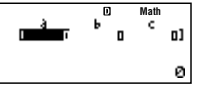


▼



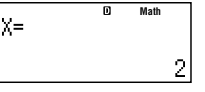
#070 **MATH** $X^2 - 4X + 4 = 0$

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



1 = (−) 4 = 4 =

=



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