fx-92 Collège 2D

Appendice
Aanhangsel

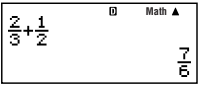
CASIO

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

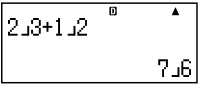
RCA502094-001V01

#001

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

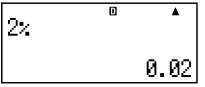


LINE [2] [▤] [3] [+] [1]
[▤] [2] [EXE]



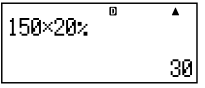
#002 **LINE**

[2] [%] [EXE]



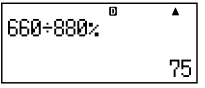
#003 **LINE**

[1] [5] [0] [×] [2] [0]
[%] [EXE]



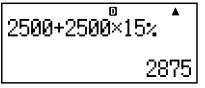
#004 **LINE**

[6] [6] [0] [÷] [8] [8] [0]
[%] [EXE]



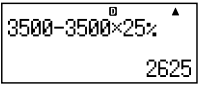
#005 **LINE**

[2] [5] [0] [0] [+] [2] [5] [0] [0]
[×] [1] [5] [%] [EXE]



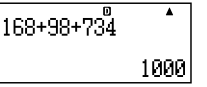
#006 **LINE**

[3] [5] [0] [0] [−] [3] [5] [0] [0]
[×] [2] [5] [%] [EXE]

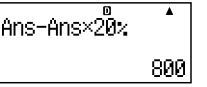


#007 LINE

1 6 8 + 9 8 + 7 3 4 EXE

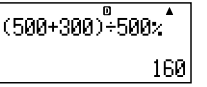


− Ans × 2 0 % EXE



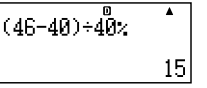
#008 LINE

(5 0 0 + 3 0 0) ÷ 5 0 0 % EXE

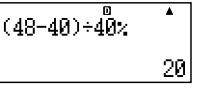


#009 LINE

(4 6 − 4 0) ÷ 4 0 % EXE

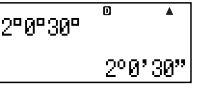


▶ ▶ ▶ ▶ DEL 8 EXE



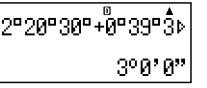
#010 LINE

2 °‘“ 0 °‘“ 3 0 °‘“ EXE



#011 LINE

2 °‘“ 2 0 °‘“ 3 0 °‘“ + 0 °‘“ 3 9 °‘“ 3 0 °‘“ EXE



#012 LINE

[2] [•] [2] [5] [5] [EXE]

```
D ▲
2.255
            2.255
```

[°’’’]

```
D ▲
2.255
        2°15’18”
```

[°’’’]

```
D ▲
2.255
            2.255
```

#013 LINE $4 \times 3 + 2.5 = 14.5$

$4 \times 3 - 7.1 = 4.9$

[4] [×] [3] [+] [2] [•] [5] [EXE]

```
D ▲
4×3+2.5
             14.5
```

[AC]

```
D ▲
|
                0
```

[◀]

```
D ▲
4×3+2.5|
                0
```

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

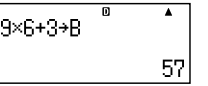
```
D ▲
4×3|
                0
```

[−] [7] [•] [1] [EXE]

```
D ▲
4×3-7.1
              4.9
```

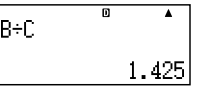
#014 **LINE** $\frac{9 \times 6 + 3}{5 \times 8} = 1.425$

9 × 6 + 3 SHIFT RCL(STO) ÷R(B)



5 × 8 SHIFT RCL(STO) ▤(C)

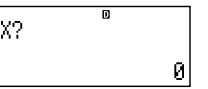
ALPHA ÷R(B) ÷ ALPHA ▤(C) EXE



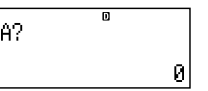
#015 **LINE**

Y = X + 2 ALPHA (−)(A)

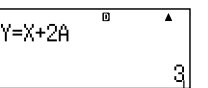
CALC



*1 1 EXE

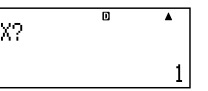


*2 1 EXE



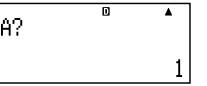
*3

CALC



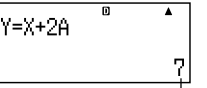
*4

Ans EXE



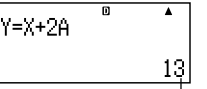
*5

2 EXE



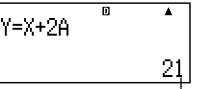
*6

CALC Ans EXE 3 EXE



*7

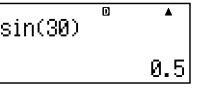
CALC Ans EXE 4 EXE



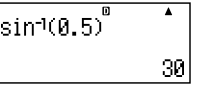
*8

#016 **LINE** **Deg**

sin 3 0) EXE

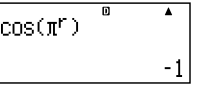


SHIFT sin (Asn) 0 • 5) EXE

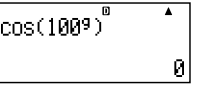


#017 **LINE** **Deg**

cos SHIFT ×10ˣ (π) SHIFT Ans (DRG▶) 2 (ʳ)) EXE

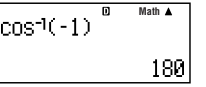


cos 1 0 0 SHIFT Ans (DRG▶) 3 (g)) EXE

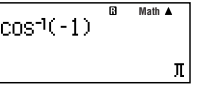


#018 **MATH**

Deg SHIFT cos (Acs) (−) 1) EXE

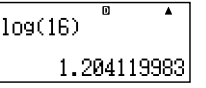


Rad SHIFT cos (Acs) (−) 1) EXE



#019 **LINE** log16 = 1.204119983

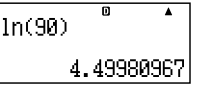
log 1 6) EXE



#020 **LINE**

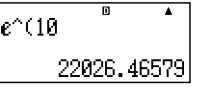
ln 90 (= $\log_e 90$) = 4.49980967

ln 9 0) EXE



#021 **LINE** e^{10} = 22026.46579

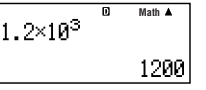
SHIFT ln ($e^{\blacksquare}$) 1 0 EXE



#022 **MATH**

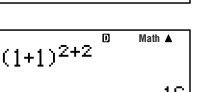
1.2×10^3 = 1200

1 • 2 ×
SHIFT log ($10^{\blacksquare}$) 3 EXE



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

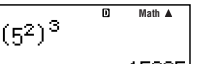
(1 + 1) $x^{\blacksquare}$ 2 + 2
EXE



#023

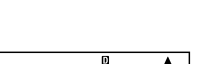
$(5^2)^3 = 15625$

MATH (5 x^2) x^3 EXE



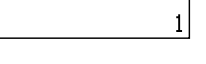
$(\sqrt{2}+1)(\sqrt{2}-1) = 1$

LINE (SHIFT x^2 (√) 2) + 1) (SHIFT x^2 (√) 2) − 1) EXE



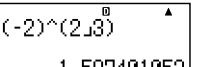
$\sqrt[5]{32} = 2$

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



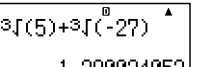
#024 **LINE** $(-2)^{\frac{2}{3}} = 1.587401052$

(↔ 2) $x^{\blacksquare}$ 2 ▤ 3) EXE



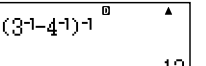
#025 **LINE** $\sqrt[3]{5} + \sqrt[3]{-27} = -1.290024053$

SHIFT x^3 ($\sqrt[3]{\square}$) 5) + SHIFT x^3 ($\sqrt[3]{\square}$) ↔ 2 7) EXE



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

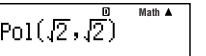
(3 SHIFT (x^{-1}) − 4 SHIFT (x^{-1})) SHIFT (x^{-1}) EXE



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

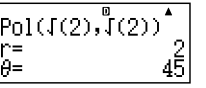
MATH

SHIFT + (Pol)
SHIFT x^2 (√■) 2 ▶ SHIFT 3 (,)
SHIFT x^3 (√■) 2 ▶) EXE



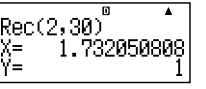
LINE

SHIFT + (Pol)
SHIFT x^2 (√■) 2) SHIFT 3 (,)
SHIFT x^3 (√■) 2)) EXE



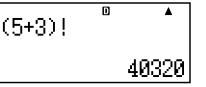
#028 **LINE** **Deg** (r, θ) = (2, 30) → (X, Y)

SHIFT − (Rec) 2 SHIFT 3 (,)
3 0) EXE



#029 **LINE**

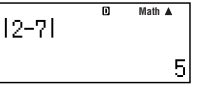
(5 + 3) SHIFT) ($x!$) EXE



#030

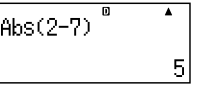
MATH

SHIFT % (Abs)
2 − 7 EXE



LINE

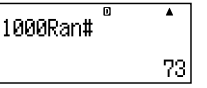
SHIFT % (Abs)
2 − 7) EXE



#031 **LINE**

1 0 0 0
SHIFT • (Ran#) EXE

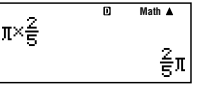
[EXE]



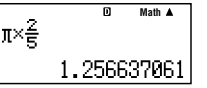
[EXE]

#032 **MATH**

[SHIFT] [×10^x] (π) [×] [▤] [2] [▼] [5] [EXE]

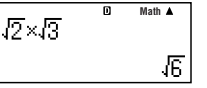


[S⇔D]

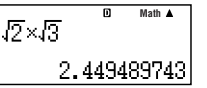


#033 **MATH**

[SHIFT] [x²] (√■) [2] [▶]
[×] [SHIFT] [x²] (√■) [3] [EXE]



[S⇔D]



#034

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

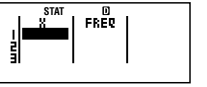
$$x\sigma n = \sqrt{\frac{\Sigma (x - \bar{x})^2}{n}}$$

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

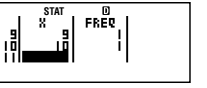
#035

SHIFT MODE ▼ 3 (STAT) 1 (ON)
MODE 2 (STAT)

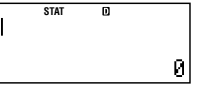
1 (1-VAR)



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

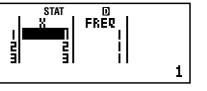


AC

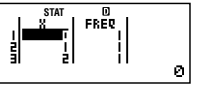


#036

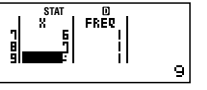
SHIFT 1 (STAT) 2 (Data)



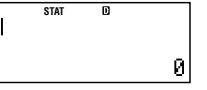
SHIFT 1 (STAT) 3 (Edit) 1 (Ins)



▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ DEL

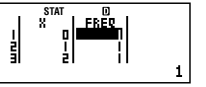


AC



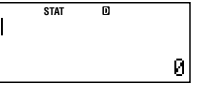
#037

SHIFT 1 (STAT) 2 (Data) ▶



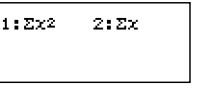
▼ 2 EXE ▼ 2 EXE 2 EXE
2 EXE 3 EXE 4 EXE 2 EXE

AC

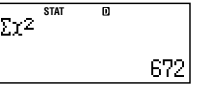


#038

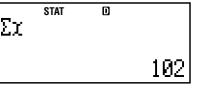
SHIFT 1 (STAT) 4 (Sum)



1 (Σx^2) EXE

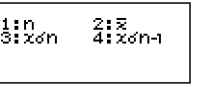


SHIFT 1 (STAT) 4 (Sum)
2 (Σx) EXE

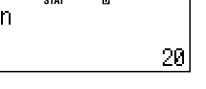


#039

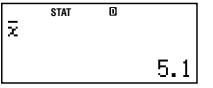
SHIFT 1 (STAT) 5 (Var)



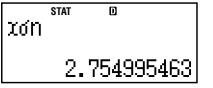
1 (n) EXE



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

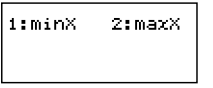


SHIFT 1 (STAT) 5 (Var) 3 ($x\sigma n$) EXE

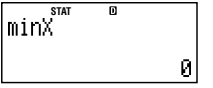


#040

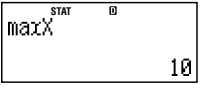
SHIFT 1 (STAT) 6 (MinMax)



1 (minX) EXE



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



#041

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

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

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

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

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

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

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

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

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

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

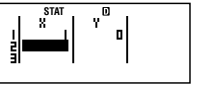
$$\hat{y} = Ax + B$$

#042

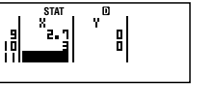
x	y	x	y
1.0	1.0	2.1	1.5
1.2	1.1	2.4	1.6
1.5	1.2	2.5	1.7
1.6	1.3	2.7	1.8
1.9	1.4	3.0	2.0

[SHIFT] [MODE] ▼ [3] (STAT) [2] (OFF)
[MODE] [2] (STAT)

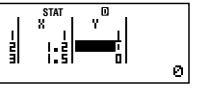
[2] (AX+B) [1] [EXE]



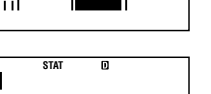
[1] [•] [2] [EXE] [1] [•] [5] [EXE]
[1] [•] [6] [EXE] [1] [•] [9] [EXE]
[2] [•] [1] [EXE] [2] [•] [4] [EXE]
[2] [•] [5] [EXE] [2] [•] [7] [EXE]
[3] [EXE]



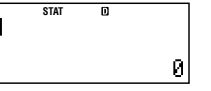
▼ ▶ 1 EXE



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

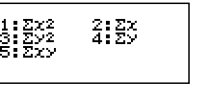


AC

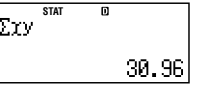


#043

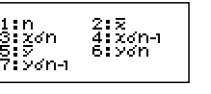
SHIFT 1 (STAT) 4 (Sum)



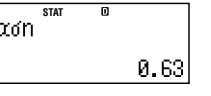
5 (Σxy) EXE



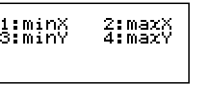
SHIFT 1 (STAT) 5 (Var)



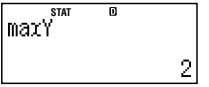
3 ($x\sigma n$) EXE



SHIFT 1 (STAT) 6 (MinMax)

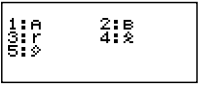


4 (maxY) EXE

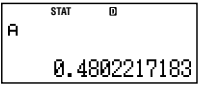


#044

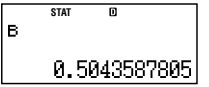
SHIFT 1 (STAT) 7 (Reg)



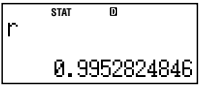
1 (A) EXE



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

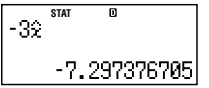


SHIFT 1 (STAT) 7 (Reg) 3 (r) EXE

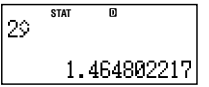


#045

*1 (↔) 3 SHIFT 1 (STAT)
7 (Reg) 4 ($\hat{x}$) EXE

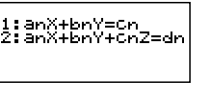


*2 2 SHIFT 1 (STAT) 7 (Reg)
5 ($\hat{y}$) EXE

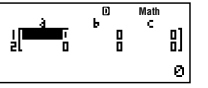


#046 **MATH** { X + 2Y = 3
2X + 3Y = 4

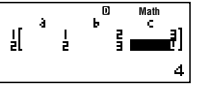
MODE 3 (EQN)



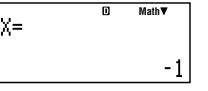
1 ($a_nX+b_nY=c_n$)



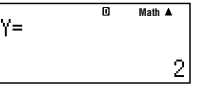
1 EXE 2 EXE 3 EXE
2 EXE 3 EXE 4 EXE



EXE

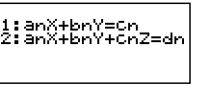


▼

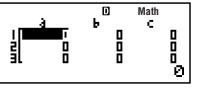


#047 **MATH** $\begin{cases} X - Y + Z = 2 \\ X + Y - Z = 0 \\ -X + Y + Z = 4 \end{cases}$

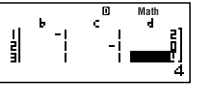
MODE 3 (EQN)



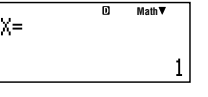
2 ($a_nX+b_nY+c_nZ=d_n$)



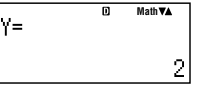
1 EXE (↔) 1 EXE 1 EXE 2 EXE
1 EXE 1 EXE (↔) 1 EXE 0 EXE
(↔) 1 EXE 1 EXE 1 EXE 4 EXE



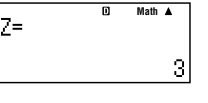
EXE



▼



▼



CASIO®

CASIO COMPUTER CO., LTD.
6-2, Hon-machi 1-chome
Shibuya-ku, Tokyo 151-8543, Japan

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