

CALCULATION EXAMPLES EJEMPLOS DE CÁLCULOS

- 1. Set the decimal selector as specified in each example. The rounding selector should be in the "5/4" position unless otherwise specified.
2. The grand total / rate setting mode selector, constant mode, add mode, item count mode and first factor accumulation selectors should be in the "0" position (off position) unless otherwise specified.
3. Print mode selector should be in the "P" position unless otherwise specified.
4. If an error is made while entering a number, press the [C] or [CE] key and enter the correct number.
5. Negative values are printed with "-" symbol in red.

- 1. Colocar el selector decimal según se especifica en cada ejemplo. El selector de redondeo debe estar en la posición "5/4" salvo que se especifique lo contrario.
2. Los selectores de modo de total global / fijación de tipos, modo de constante, modo de suma, modo para contar artículos, y modo de acumulación del primer factor deben estar en la posición "0" (posición de desconexión) salvo que se especifique lo contrario.
3. El selector del modo de impresión debe estar en la posición "P" salvo que se especifique lo contrario.
4. Si se hace un error al ingresar un número, apretar la tecla [C] o [CE] e ingresar el número correcto.
5. Los valores negativos se imprimen con el símbolo "-" en rojo.

Note: All totals and sub-totals may be used for further calculations. RE-ENTER the number into the calculator by using a FUNCTION key and continue the problem. Nota: Se pueden usar todos los totales y los totales parciales para cálculos posteriores. VOLVER A INGRESAR el número en la calculadora usando una tecla de FUNCIÓN y continuar efectuando la operación.

Table with columns: Selector, Operación, Print, Impresión, Note, Nota. Shows calculations for (123 + 456) x 2 = 1158.00.

DATE MEMORY / MEMORIA PARA LA FECHA

This routine, provided with date memory, allows date, numbers etc. to be stored once and then recalled and printed as necessary. Note: The date memory can also be used as a constant memory. Esta calculadora, provista de una memoria de fecha, permite almacenar en la memoria la fecha, el número, etc. una vez y luego llamarlos e imprimirlos cuando sea necesario. Nota: La memoria de la fecha se puede utilizar también como memoria constante.

EJEMPLO: Imprimir el 5 de abril de 2015. Example: Print the date of April 5, 2015.

Table showing date memory operations: 4.05.2015, 4.05.2015, 4.05.2015 (red) (rptg). Shows storage and recall of dates.

EJEMPLO: 2 x 12.34 = 24.68. Example: 2 x 12.34 = 24.68.

Table showing basic arithmetic operations: 12.34 + 2 = 14.34, 12.34 - 2 = 10.34, 12.34 x 2 = 24.68, 12.34 / 2 = 6.17.

ADDITION / SUMA

Table showing addition operations: 12.45 + 36.82 = 49.27, 12.45 + 36.82 + 93.20 = 142.47.

REPEAT ADDITION AND SUBTRACTION / REPETICIÓN DE SUMAS Y RESTAS

Table showing repetitive addition and subtraction: 123 + 123 + 123 + 456 = 845. Shows the use of the repeat function.

ADDITION AND SUBTRACTION WITH ADD MODE / SUMA Y RESTA CON MODO DE SUMA

Table showing addition with add mode: 12.45 + 16.24 = 28.69, then adding 48.04 to get 76.73.

MULTIPLICATION / MULTIPLICACIÓN

Table showing multiplication operations: 12.36 x 3.33 = 41.1588, 12.36 x 3.33 x 53.21 = 2190.06.

DIVISION / DIVISIÓN

Table showing division operations: 256 / 12 = 21.33333333, 256 / 56 = 4.57142857.

MIXED CALCULATIONS / CÁLCULOS MIXTOS

Table showing mixed operations: (10 + 2) x 5 = 70, 10 x 12 = 120, 120 / 2 = 60.

B. 5 x 2 + 12 =

Table showing order of operations: 5 x 2 + 12 = 22, 5 x (2 + 12) = 80.

C. (5 + 12) x 3.2 x 6.7 =

Table showing complex mixed operations: (5 + 12) x 3.2 x 6.7 = 182.24.

CONSTANT CALCULATIONS / CÁLCULOS CON CONSTANTES

Table showing constant calculations: 62.35 x 11.11 = 692.71, 62.35 x 11.11 x 3 = 2078.13.

B. DIVISION / DIVISIÓN

Table showing division operations: 11.11 / 77.77 = 0.143, 11.11 / 77.77 x 3 = 0.429.

POWER CALCULATIONS / CÁLCULOS DE POTENCIA

Table showing power operations: 5.25^2 = 27.563, 5.25^3 = 145.313.

B. CUBING / CUBOS

Table showing cubing operations: 5^3 = 125, 5^4 = 625, 5^5 = 3125.

PERCENT MULTIPLICATION - DIVISION / MULTIPLICACIÓN - DIVISIÓN DE PORCENTAJES

Table showing percentage operations: 100 x 25% = 25, 100 / 25% = 400.

RECIPROCAL CALCULATIONS / CÁLCULOS RECÍPROCOS

Table showing reciprocal operations: 1/7 = 0.142857142857, 1/0.142857142857 = 7.

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SELLING PRICE (USING MARGIN) / PRECIO DE VENTA (UTILIZANDO MARGEN)

Table showing selling price calculations: 8160 / 15 = 544, 544 x 1.15 = 625.60.

COST (USING MARGIN) / COSTE (UTILIZANDO MARGEN)

Table showing cost calculations: 500 / 0.35 = 1428.57, 1428.57 x 0.65 = 928.57.

MARKUP / INCREMENTO PORCENTUAL

Table showing markup calculations: 200 / 0.20 = 500, 500 x 0.20 = 100.

SELLING PRICE (USING MARKUP) / PRECIO DE VENTA (UTILIZANDO INCREMENTO PORCENTUAL)

Table showing selling price with markup: 6900 / 0.25 = 27600, 27600 x 1.25 = 34500.

COST (USING MARKUP) / COSTE (UTILIZANDO INCREMENTO PORCENTUAL)

Table showing cost with markup: 9780 / 0.20 = 48900, 48900 x 0.20 = 9780.

PERCENT CHANGE / CAMBIO PORCENTUAL

Table showing percentage change: (1500 - 1300) / 1300 = 15.38%.

PERCENT PROPORTIONAL / DISTRIBUCIÓN PROPORCIONAL DE PORCENTAJE

Table showing proportional distribution: 123 / 1234567 = 0.01%.

RECIPROCAL CALCULATIONS / CÁLCULOS RECÍPROCOS

Table showing reciprocal operations: 1/0.142857142857 = 7.

PERCENT MULTIPLICATION - DIVISION / MULTIPLICACIÓN - DIVISIÓN DE PORCENTAJES

Table showing percentage operations: 100 x 25% = 25, 100 / 25% = 400.

ITEM COUNT CALCULATION / CÁLCULO DE CUENTA DE ARTÍCULOS

Table showing item count calculations: 100 items x \$100 = \$10,000.

SQUARE ROOT / CÁLCULO DE RAÍZ CUADRADA

Table showing square root operations: sqrt(123456) = 351.363.

ADD-ON AND DISCOUNT / RECARGOS Y DESCUENTOS

Table showing add-on and discount: 100 + 20% = 120, 120 - 10% = 108.

GRAND TOTAL CALCULATION / CÁLCULO DE TOTAL GLOBAL

Table showing grand total calculations: 100 + 200 + 300 = 600.

MARKUP AND PROFIT MARGIN

Table showing markup and profit margin: 100 x 1.20 = 120, 120 / 1.20 = 100.

MARGIN / MARGEN

Table showing margin calculations: (65 - 50) / 50 = 30%.

MARGIN / MARGEN

Table showing margin calculations: (89 - 24) / 24 = 269%.

MEMORY CALCULATIONS / CÁLCULOS CON MEMORIA

Table showing memory calculations: 46 x 78 = 3588, 3588 + 1 = 3589.

EJEMPLO (2): EJEMPLO (3): (123 + 45) x (456 - 89) =

Table showing memory calculations: 123 + 45 = 168, 456 - 89 = 367, 168 x 367 = 61656.

Press the [M] key to clear the memory before starting a memory calculation. Apretar la tecla [M] para cancelar la memoria antes de empezar a efectuar un cálculo con memoria.

EJEMPLO (3): EJEMPLO (3): (874 + 557) x (7 + 3) =

Table showing memory calculations: 874 + 557 = 1431, 7 + 3 = 10, 1431 x 10 = 14310.

Press [M] then [C] to clear the contents of the First and Second memories before starting the operation.

Table showing memory calculations: 12 x 12 = 144, 144 / 12 = 12.

F2 AND GT CALCULATION / CÁLCULO DE F2 Y DE TOTAL GENERAL

Table showing F2 and GT calculations: F2: 136 x 62 = 8432, GT: 136 + 62 = 198.

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TAX RATE CALCULATIONS / CÁLCULOS CON EL TIPO DE IMPUESTO

EXAMPLE 1: Set a 5% tax rate. Calculate the total amount for adding a 5% tax to \$800. EJEMPLO 1: Fijar el tipo de impuesto al 5%. Calcular la cantidad total resultante de añadir el impuesto del 5% a \$800.

Table showing tax rate calculations: 800 x 1.05 = 840.

EXAMPLE 2: Calculate the total amount for adding a 5% tax to the sum of \$500 and \$460. EJEMPLO 2: Calcular la cantidad total resultante de añadir el impuesto de 5% a la suma de \$500 y \$460.

Table showing tax rate calculations: (500 + 460) x 1.05 = 960.50.

EXAMPLE 3: Calculate the total amount for the sum of \$500 with tax already included and \$460 with 5% tax to be added. EJEMPLO 3: Calcular la cantidad total resultante de sumar \$500 con el impuesto ya incluido y \$460 con el impuesto del 5% a añadir.

Table showing tax rate calculations: 500 + 460 x 1.05 = 960.50.

EXAMPLE 4: Calculate the before-tax value of \$800 in which a 5% tax has been included. EJEMPLO 4: Calcular el valor antes de impuestos de 800 dólares en el que se ha incluido un impuesto del 5%.

Table showing tax rate calculations: 800 / 1.05 = 761.90.

SAMPLE APPLICATIONS

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AVERAGING: Calculate the average of a series of values. SOLUTION: 1. Add the values to calculate the TOTAL VALUES. 2. Determine the NUMBER OF VALUES. 3. Calculate the average.

Table showing averaging: (123 + 456 + 789) / 3 = 456.

EXAMPLE: Da Sales \$123.15, Monday 118.00, Tuesday 131.58, Wednesday 125.02, Thursday 158.25, Friday 158.25. Total Sales \$656.00 for 5 days. Then Average Sales = \$131.20.

Table showing averaging: (12315 + 118 + 13158 + 12502 + 15825) / 5 = 3272.3.

NOTE: If you are working in dollars and cents, use the "Add Mode." If not, set the decimal as desired.

Table showing averaging: (12315 + 118 + 13158 + 12502 + 15825) / 5 = 3272.3.

COMPOUND INTEREST

Calculate the new balance on a deposit which is compounded quarterly for 4 years at a given annual interest rate. SOLUTION: 1. Calculate the quarterly interest rate. 2. Calculate the new balance (principal plus interest).

Table showing compound interest: P = \$6,150, i = 5% annual, n = 16 (4 years x 4). New Balance = \$7,502.32.

Table showing compound interest: (6150 * 1.0125^16) = 7502.32.

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EJEMPLOS DE APLICACIONES

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2. Los selectores de modo de total global / fijación de tipos, modo de constante, modo de suma, modo para contar artículos, y modo de acumulación del primer factor deben estar en la posición "0" (posición de desconexión) salvo que se especifique lo contrario.
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PROMEDIO: Calcular el promedio de una serie de valores. SOLUCIÓN: 1. Sumar los valores para calcular los VALORES TOTALES. 2. Determinar el NÚMERO DE VALORES. 3. Calcular el promedio.

Table showing averaging: (12315 + 118 + 13158 + 12502 + 15825) / 5 = 3272.3.

NOTE: El total de ventas de los 5 días es \$656.00. Por lo tanto, Promedio de las ventas = \$131.20. Nota: Al trabajar con dólares y centavos, usar el "Modo de suma". De no hacerlo, colocar el punto decimal como se desee.

Table showing averaging: (12315 + 118 + 13158 + 12502 + 15825) / 5 = 3272.3.

INTERES COMPUESTO: Calcular el nuevo balance de un depósito que se compone por trimestres durante 4 años a una tasa dada de interés anual. SOLUCIÓN: 1. Calcular la tasa de interés trimestral. 2. Calcular el nuevo balance o saldo (capital más intereses).

FORMULA: Nuevo balance = P(1 + i)^n. En donde: P = cantidad depositada (capital), i = tasa de interés por periodo, n = número de años x 4.

Table showing compound interest: P = \$6,150, i = 5% anual, n = 16 (4 años x 4). Nuevo balance = \$7,502.32.

Por lo que: 6150(1.0125)^16 = \$7,502.32 (Nuevo balance).

Table showing compound interest: 6150 x 1.0125^16 = 7502.32.

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