Interesting Calculator version 1.2.3

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Description of calculator buttons (line by line, starting at the top left)

Square (x² ), Square Root (√x), Exponentiation (x^y), Nth Root (y√x), Change Sign (+/-), Inverse (1/x)

Sine (Sin), Cosine (Cos), Tangent (Tan), Convert to Degrees (Deg), Convert to Radians (Rad), Convert to Gradians ((Grad)

Inverse Sine (Sin¯¹), Inverse Cosine (Cos¯¹), Inverse Tangent (Tan¯¹), Pi (π), Memory 1 (Mem1), Memory 2 (Mem2)

Natural Antilogarithm (eˣ), Common Antilogarithm (10ˣ), Natural Logarithm (Ln), Logarithm (Log), Memory 3 (Mem3), Memory 4 (Mem4)

Scientific Notation (Sci), Percent (%), Percentage Change (Δ%), Absolute (ABS), Memory Recall (MR)  Divide (/)

Round to Whole Number (Rnd), Seven (7), Eight (8), Nine (9), Memory Cancel (MC), Multiply (Times) (\*)

Modulus (Mod), Four (4), Five (5), Six (6), Factorial (n!), Subtract (Minus) (-)

Number of Decimal Places (Dec), One (1), Two (2), Three (3), Sigma + or - (Σ+/-), Plus (+)

Random Number (Ran), Zero (0), Decimal Point (.), Backspace (← ), Clear (Clear), Equal (=).

Examples of calculations (Starting at top left)

‘x²’ - Input ‘12’, press ‘x²’ button, calc. display changes to ‘144’

‘√x’ - Input ‘144’, press ‘√x’ button, calc. display changes to ‘12’

‘x^y’ - Input ‘12’, press ‘x^y’ button, input ‘2’, press ‘=’, calc. display changes to ‘144’

‘y√x’ – Input ‘144’, press ‘y√x’ button, input ‘2’, press ‘=’, calc. display changes to ‘12’

‘+/-’ - Input ‘12”, press ‘+/-’ button, calc. display changes to ‘-12’

‘1/x’ - Input ‘12’, press ‘1/x’ button, calc. display changes to ‘0.083333333’

‘Sin’ - Input ‘30’, press ‘Sin’ button, calc. display changes to ‘0.5’

‘Cos’ - Input ‘30’, press ‘Cos’ button, calc. display changes to ‘0.866025404’

‘Tan’ - Input ‘30’, press ‘Tan’ button, calc. display changes to ‘0.577350269’

‘Deg’ - Input ‘30’, press ‘Rad’ button, calc.display changes to ‘0.523598776’, press ‘Deg’ button, calc. display changes to ‘30.000000023°’

‘Rad’ - Input ‘30’, press ‘Rad’ button, calc. display changes to  ‘0.523598776’

‘Grad’ - Input ‘30’, press ‘Grad’ button, calc. display changes to ‘33.3333333’

‘Sin¯¹’ - Input ‘0.5’, press ‘Sin¯¹’ button, calc. display changes to ‘30.0000000’

‘Cos¯¹ - Input ‘0.866025404’, press ‘Cos¯¹’ button, calc. display changes to ‘29.999999975’

‘Tan¯¹’ - Input ‘0.577350269’, press ‘Tan¯¹’ button, calc. display changes to ‘29.999999992’

’π’ - Press ’π’ button, calc. display changes to ‘3.141592654’

‘Mem1’ - Input ‘11’, press ‘Mem1’ button, in calc. display ‘11’

‘Mem2’ - Input ‘22’. press ‘Mem2’ button, in calc. display ‘22’

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‘eˣ’ - Input ‘3’, press ‘eˣ’ button, calc. display changes ‘20.085536923’

‘10ˣ’ - Input ‘3’, press ‘10ˣ’ button, calc. display changes to ‘1,000.0’

‘Ln’ - Input ‘3’ press ‘Ln’ button, calc. display changes to ‘1.098612289’

‘Log’ - Input ‘3’, press ‘Log’ button, calc. display changes to ‘0.477121255’

‘Mem3’ - Input ‘33’, press ‘Mem3’ button, in calc. display ‘33’

’Mem4’ - Input ‘44’ press ’Mem4’ button, in calc. display ‘44’

‘Sci’ - Input ‘123654789’, press ‘Sci’ button, input ‘3’, press ‘=’ button, calc. display changes to ‘1.237e+08’

‘%’ - Input ‘150’, press ‘%’, input ‘25’, press ‘=’ button, calc. display changes to ‘37.5’

‘Δ%’, - Input ‘150’, press ‘Δ%’, input ‘225’, press ‘=’ button, calc. display changes to 50.0000000’

‘ABS’ - Input ‘-12’, press ‘ABS’ button, calc. display changes to ‘12’

‘MR’ - Press ‘MR’ button, press ‘3’, calc. display changes to ‘33’

‘/’ - Input ‘88’. Press ‘/’ button, input ‘3’ press ‘=’, calc. display changes to ‘29.333333333’

‘Rnd’ - Input ‘123.654’, press ‘Rnd’ button, calc. display changes to ‘124’

‘7’ - Input ‘7’, calc. display changes to ‘7’

‘8’ - Input ‘8’, calc. display changes to ‘8’

‘9’ - Input ‘9’, calc. display changes to ‘9’

‘MC’ - Press ‘MC’, input ‘4’, calc. display clears

‘\*’ - Input ‘9’, press ‘\*’ button, input ‘3’ press ‘=’ button, calc. display changes to ‘27’

‘Mod’ - Input ‘22’, press ‘Mod’ button. Input ‘3’, press ‘=’ button, calc. display changes to ‘1’

‘4’ - Input ‘4’, calc. display changes to ‘4’

‘5 - Input ‘5’, calc. display changes to ‘5’

‘6’ - Input ‘6’, calc. display changes to ‘6’

‘n!’ - Input ‘5’, press ‘n!’ button, calc. display changes to ‘120’

‘8’ - Input ‘8’, press ‘-’ button, input ‘3’, press ‘=’, calc. display changes to ‘5’

‘Dec’ - Input ‘3’, press ‘Dec’ button, calc. display changes to blank (press the ’π’ button and the calc. display changes to ‘3.142’

‘1’ - Input ‘1’, calc. display changes to ‘1’

‘2’ - Input ‘2’, calc. display changes to ‘2’

‘3’ - Input ‘3’, calc. display changes to ‘3’

Blank

‘+’ - Input ‘5’, press ‘+’ button, input ‘7’, calc. display changes to ‘12’

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‘Ran’ - Press ‘Ran’ button, calc. display changes to ‘Press '=' or input seed & press '=' ‘, press ‘=’ button, calc. display changes to ‘0.988267375’ or any 9 decimal place number value less than 1. Or, press ‘Ran’ button, calc. display changes to ‘Press '=' or input seed & press '=' ‘, input ‘3’ (seed), press the ‘=’ button and the calc. display changes to a ‘1.379646271’ or any random number.

‘0’ - Input ‘0’, calc. display changes to ‘0’

‘2’ - Input ‘2’. press ‘.’ button, input ‘5’, calc. display changes to ‘2.5’

‘←’ - Input ‘34’, press ‘←’, calc. display change to’3’

‘Clear’ - Input ‘22’. press ‘Clear’ button, calc. display changes to blank (or clears)

‘+’ - Input ‘4’, press ‘+’ button, input ‘5’, press ‘=’, calc. display changes to ‘9’

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