

Utilities 4 Dragon

U4D Calculator

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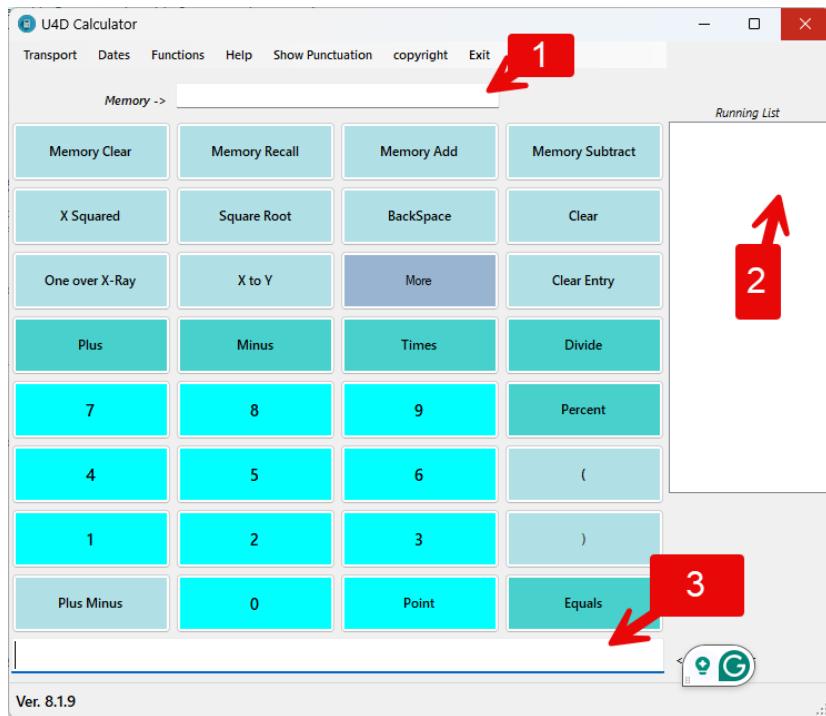
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Description

A speech-friendly calculator with a few more functions than the basic calculator. You can dictate as few or as many numbers (if you pronounce well) and functions in one utterance as you can. Of course, you can edit using the normal Dragon commands. Then when you are ready to do the calculations, say "Equals."

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Fields Explained



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1. Memory Field
2. Running List
3. Where You Enter Numbers and See Results

Memory

When you do a memory add, the contents of field 3 are copied into and displayed in the memory field. All the **other** "memory" functions only work on the contents of this field.

Running List

As a new result is calculated, it is placed in this window. Hence, it is a running list of what the calculator has been tasked with performing for verification.

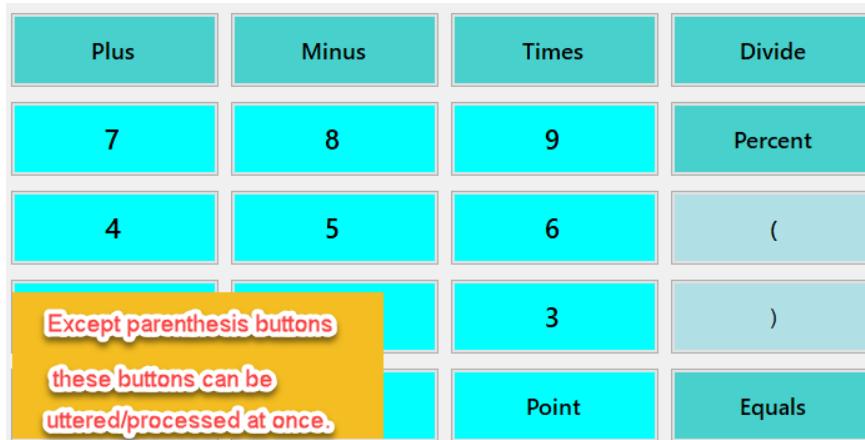
Data Entry and Results

When the calculator is called up, the focus is initially in field 3. Once a calculation is produced, you can continue using the results as your next number or press the "Clear" button to start over.

If a calculation is short enough to utter the whole calculation in one utterance, the application will process it immediately. Otherwise, you can enter numbers one at a time or dictate a longer number. The program will also automatically convert millions, billions, and trillions into digits, whereas Dragon defaults to spelling them out.

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So, you can say something like: “45.3 \times 19 equals” (Dragon uses the “ \times ” character when recognized in a calculation like this) as one quick string, and the results will show in field 3. If you want, you can also say “45 point three times 19 equals” all as separate utterances

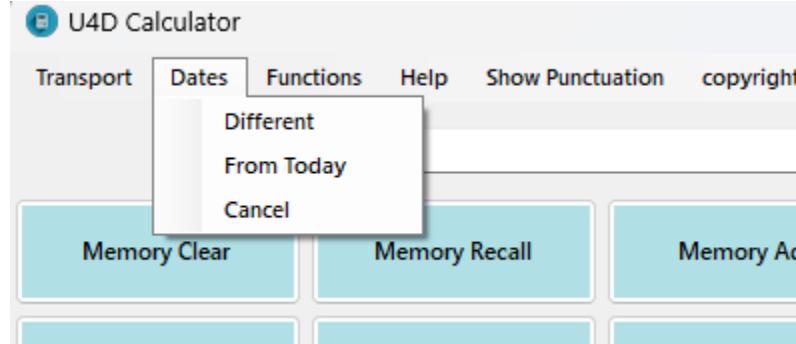


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Dates

There are two date functions:
“Difference” allows you to enter two dates and calculate the number of days between them.

“From Today” will automatically print today’s date in the first field.



You can enter a date in the requested format, and field 3 shows the number of days between the two dates.

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Functions

X squared – multiplies the number by itself.

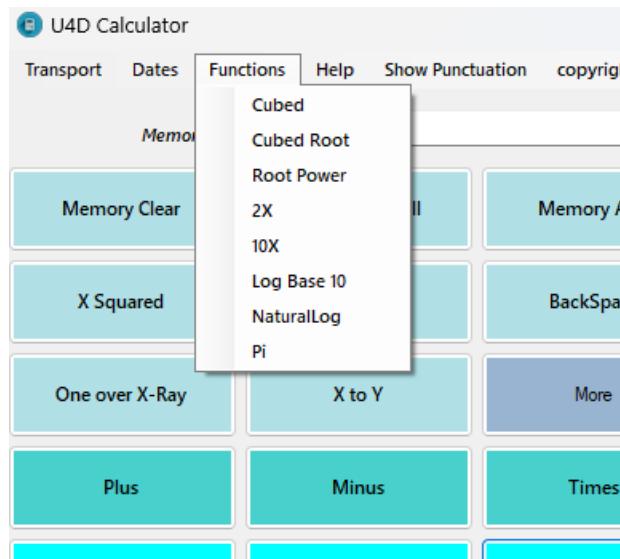
Square root – calculate the square root of the number in field 3

one over x-ray – a Dragon-friendly way of doing a “1 divided by number in field 3”

X to Y –

This is X raised to the Y power.

First, enter X into field 3, press this button, then provide the Y value.



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In addition to the functions on the main page. These additional functions are available from the Functions menu item:

Cubed – X raised to the third power.

Cube Root – the cube root of X.

Root Power –

See the description for X to Y. The same principles apply to entering numbers. Except here, the second number entered is the calculation of the root of the first number. X root 2 is the same as the square root, X root 3 is the same as the cube root, X root 4 is the fourth root, etc.

2X – 2 raised to the X power.

10X – 10 raised to the X power.

NaturalLog – logarithmic value of what is entered into field 3

log 10 – logarithmic value base 10 value of what is entered into field 3

Pi – the pi value is placed into field 3

Punctuation

If the results are large, you may want to show the number with traditional group separators (the US default is a comma). The four choices are Currency (two decimal positions on the right), Decimal 4 (four decimal positions), Decimal 6, and Decimal 10.