

Calculator App

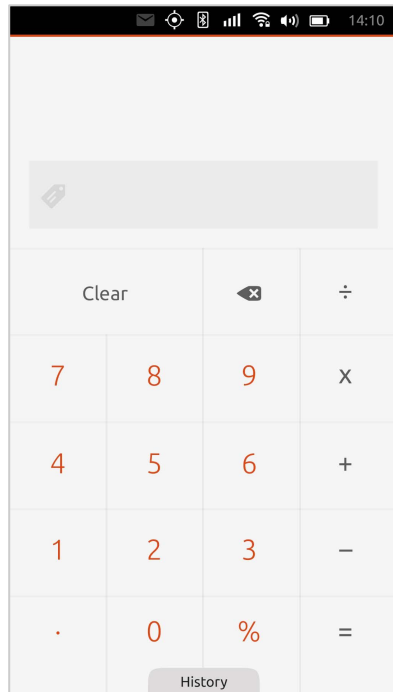
Contents



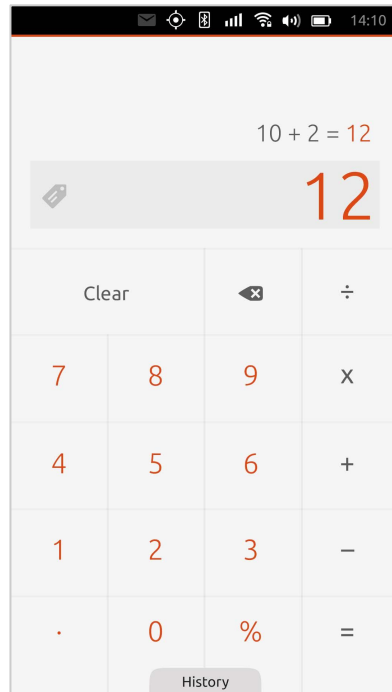
Section	Notes
Overview	
Start a new calculation	
Showing results	
Scientific keyboard, in landscape mode	
Calculations history	
Tag calculation	
Delete and share calculations	

Key screens

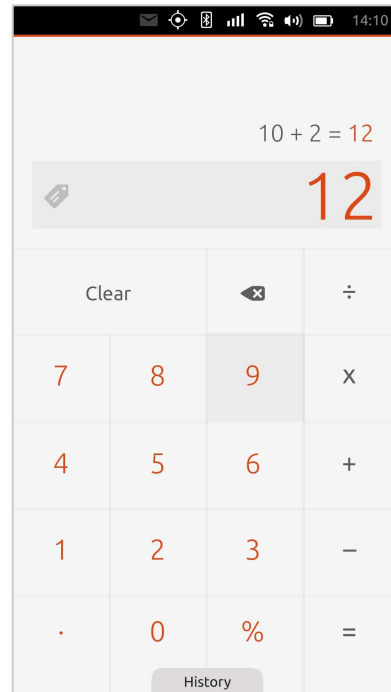
Default



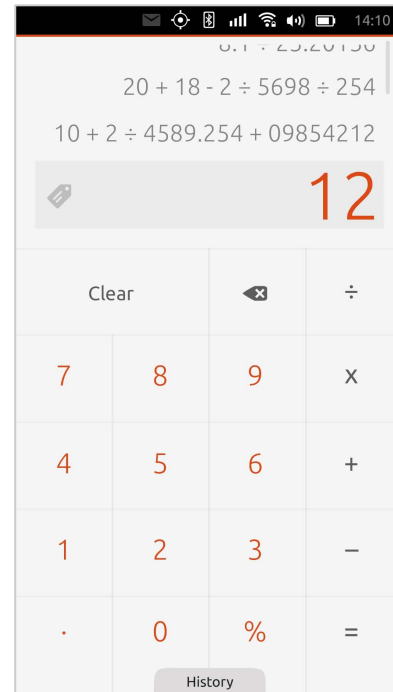
Final result



Pressed & selected state

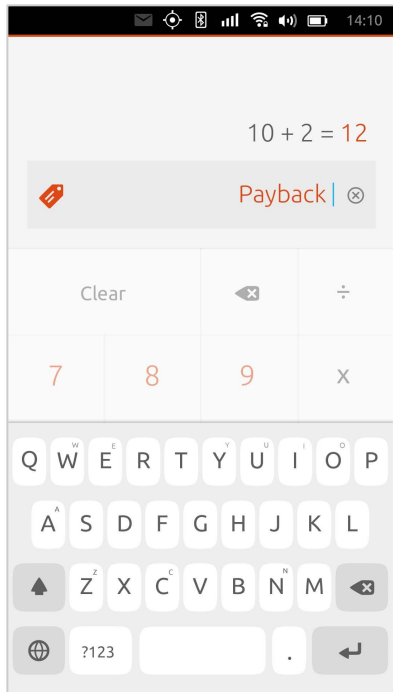


Long calculation

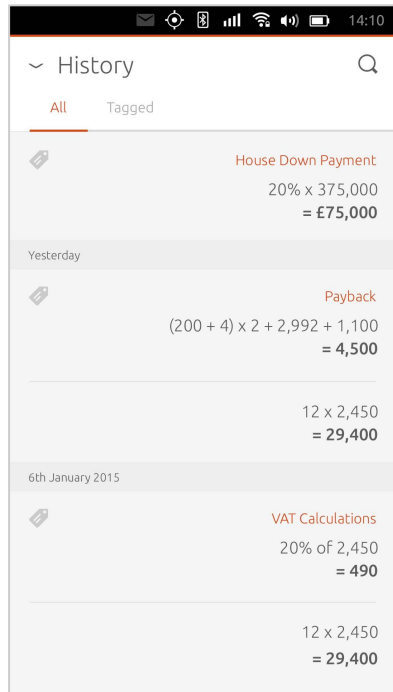


Key screens

Tagging

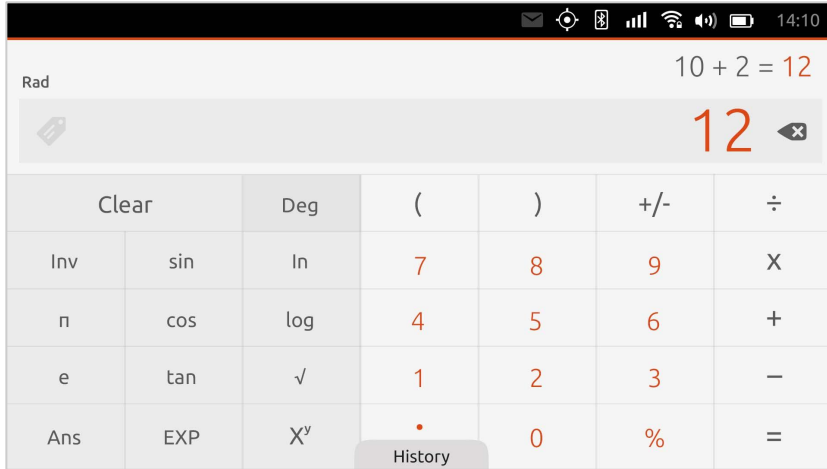


History



Key screens (2)

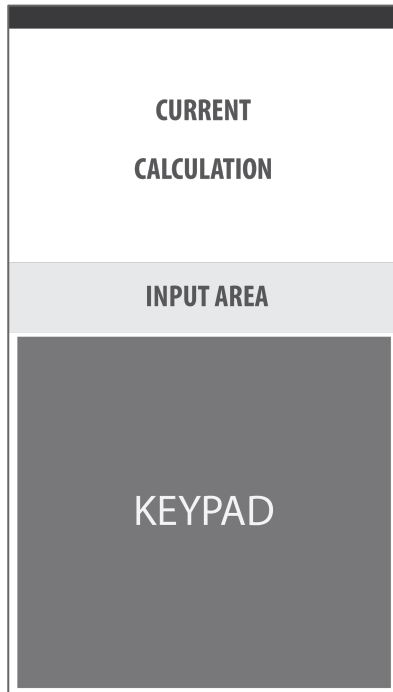
Landscape



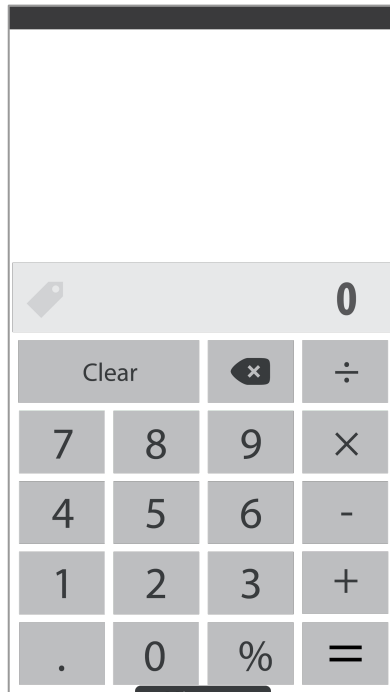
Link to Visual Design folder

<https://www.dropbox.com/sh/yntgvr3fqjqedl8/AAAol2Thf8XqKDEoRDJ4jYMMa?dl=0>

Overview



Initial state



Overview

3 main areas: current calculation, input area and a specialised calculator keypad.

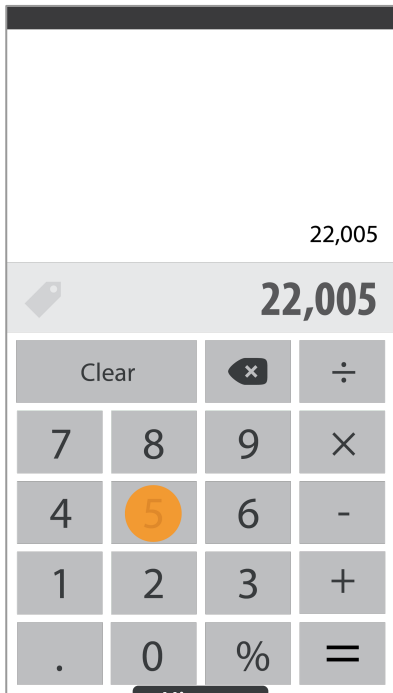
When opened, the calculator will display an empty state both in current calculation & input area.

The tag action icon is not active until a calculation has started and the first temporary result is generated.

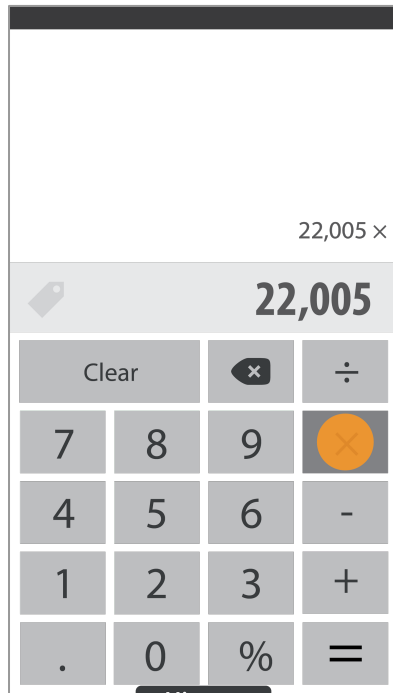
Simple keypad has '**Clear**' to start a new calculation, and '**Backspace**' to undo a single entry.

Start a new calculation

Start a new calculation



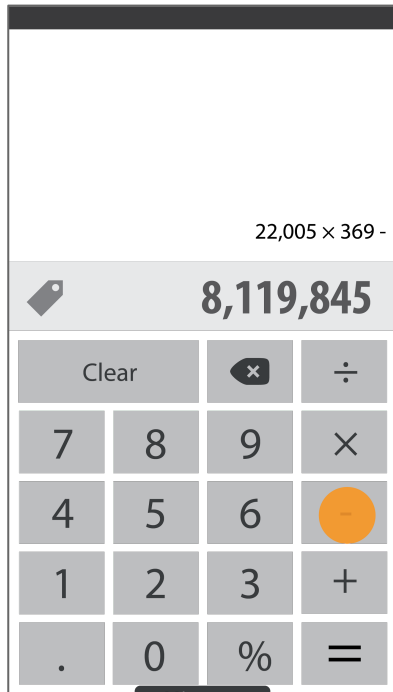
Operators activation



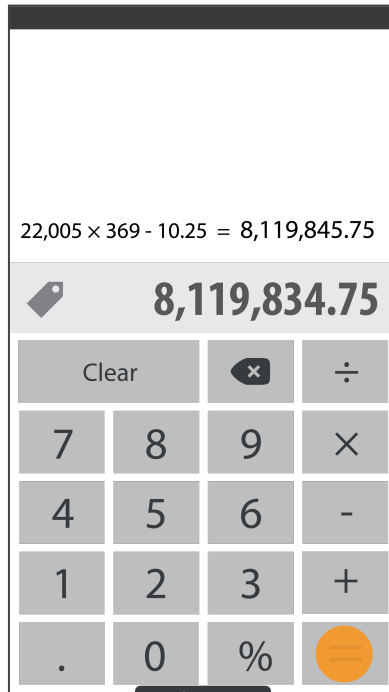
Start a new calculation by simply typing on the keypad.

When an operator is pressed, it stays in the selected state until a digit is pressed.

Temporary result



Final result



Temporary result

After using the 2nd operator, temporary result is displayed in the input area.

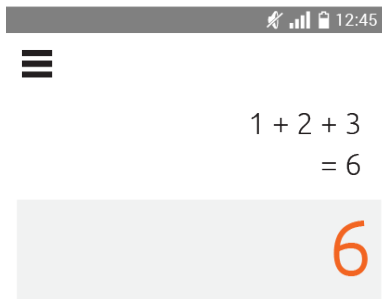
Final result

Is displayed in the Input and History area.

Editing calculations

Tap anywhere to edit/delete a digit or operand. The area above effectively becomes a Text Area. The result for that operation will update accordingly.

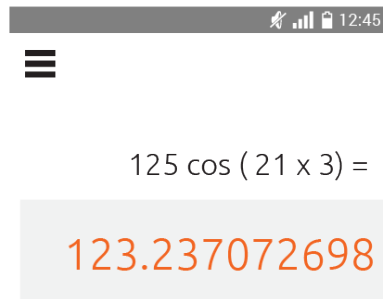
Displaying large numbers



A screenshot of a calculator app interface. At the top is a status bar with a hamburger menu icon, signal strength, battery, and the time 12:45. Below the status bar is another hamburger menu icon. The main display area shows the calculation $1 + 2 + 3 = 6$. At the bottom, a large orange number '6' is displayed on a light gray background.

$$1 + 2 + 3 = 6$$

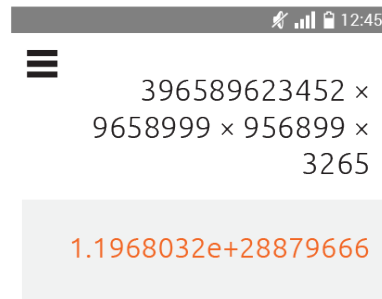
6



A screenshot of a calculator app interface. At the top is a status bar with a hamburger menu icon, signal strength, battery, and the time 12:45. Below the status bar is another hamburger menu icon. The main display area shows the calculation $125 \cos(21 \times 3) =$. At the bottom, a large orange number '123.237072698' is displayed on a light gray background.

$$125 \cos(21 \times 3) =$$

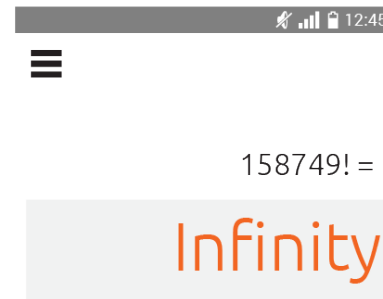
123.237072698



A screenshot of a calculator app interface. At the top is a status bar with a hamburger menu icon, signal strength, battery, and the time 12:45. Below the status bar is another hamburger menu icon. The main display area shows the calculation $396589623452 \times 9658999 \times 956899 \times 3265$. At the bottom, a large orange number '1.1968032e+28879666' is displayed on a light gray background.

$$396589623452 \times 9658999 \times 956899 \times 3265$$

1.1968032e+28879666



A screenshot of a calculator app interface. At the top is a status bar with a hamburger menu icon, signal strength, battery, and the time 12:45. Below the status bar is another hamburger menu icon. The main display area shows the calculation $158749! =$. At the bottom, the word 'Infinity' is displayed in orange on a light gray background.

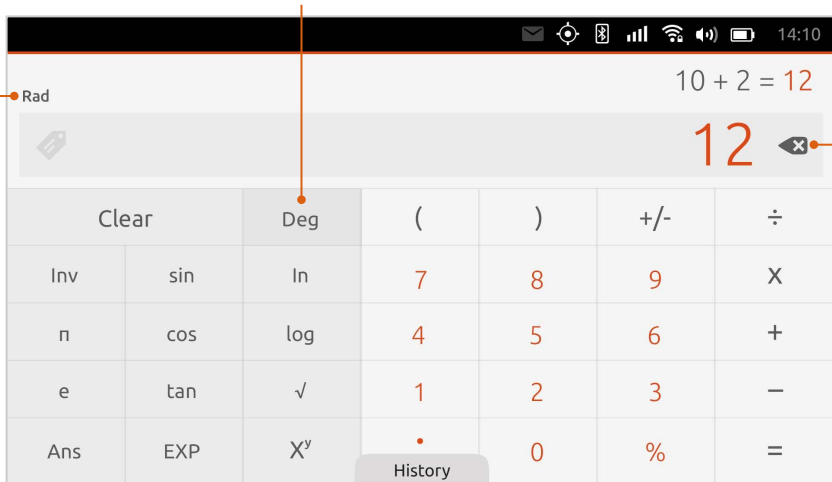
$$158749! =$$

Infinity

Scientific keyboard, in landscape mode

Toggle between Radius and Degrees

Status indicator
for Rad/Deg



Backspace sitting
in result area

When user turns the phone into a landscape orientation, the keyboard gets extended with some more advanced and scientific operators, the history goes out, as the app only shows the current calculation.

Note: When in portrait mode, the keyboard will display a range of simple mathematical operators, and the brackets won't be shown.

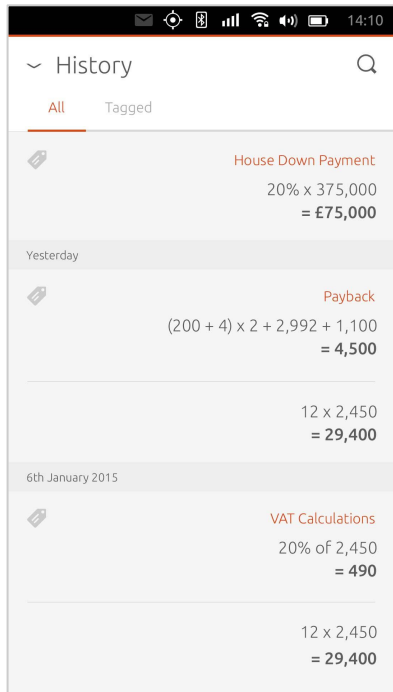


First time the calculator app is opened, it shows a instructions screen explaining how to display the Scientific calculator.

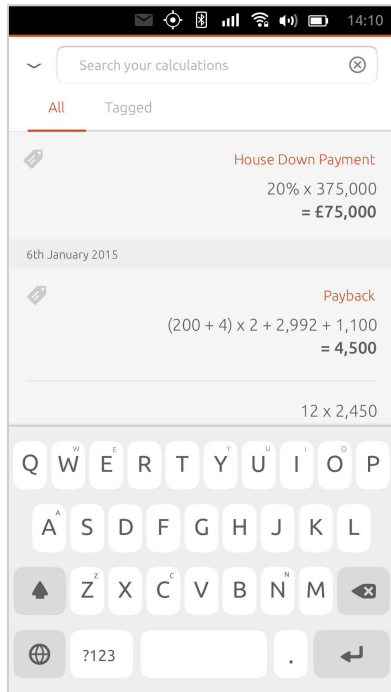
Once dismissed ('Got it'), it won't reappear again.

Calculations history & search

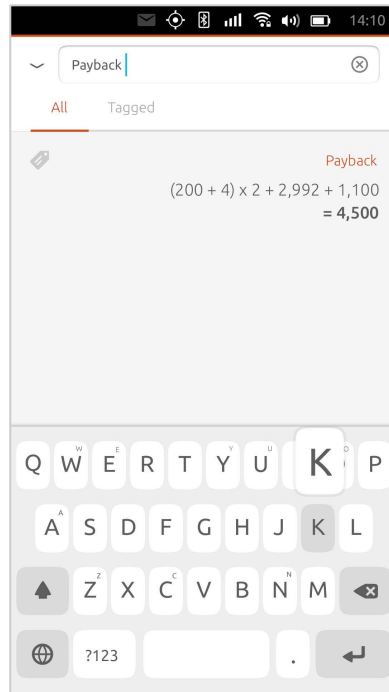
History



Search



Search results



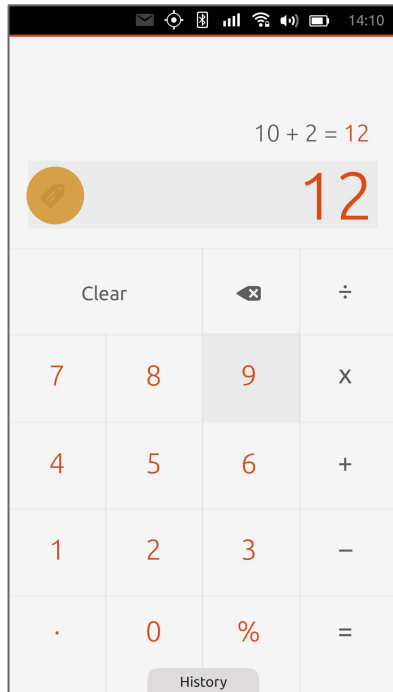
The previously tagged calculations are saved in a list that can be accessed using the bottom edge interaction.

Users can

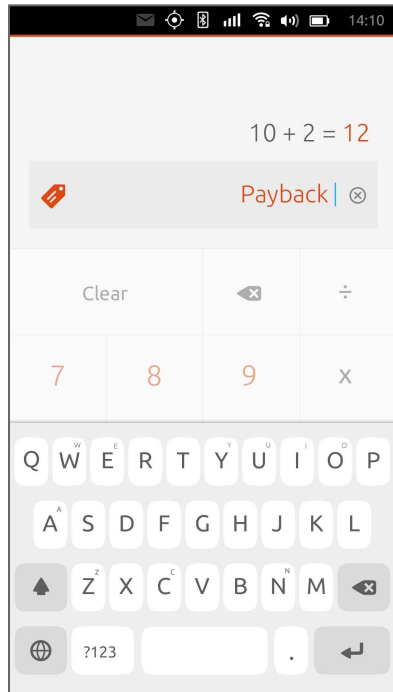
- Tap on a tagged calculation icon at the left to untag it
- Tap at the right to edit the calculation
- Filter at the top (All/Tagged)
- Search & filter by text

Tag calculation

Tag calculation



Enter a name



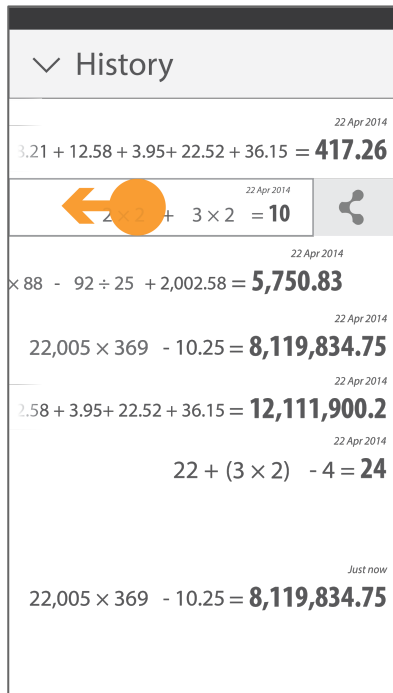
Users can save a calculation and name it using the tag icon on the left.

OSK is displayed on top of the keypad to allow text entry.

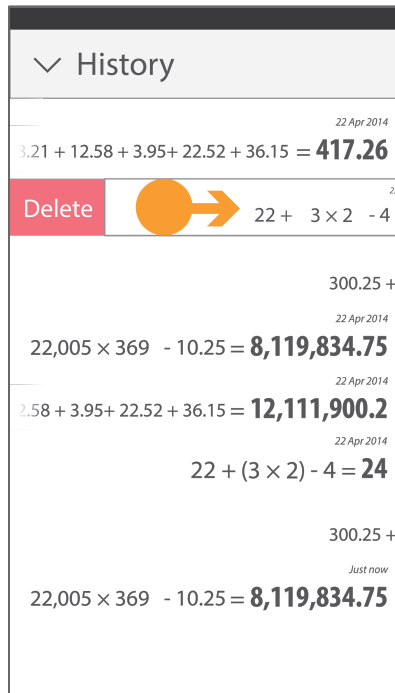
Note: the icon is not displayed until a calculation has started and the first temporary result is generated.

Delete and share calculations

Share options (Swipe left)



Delete (Swipe right)



Share a calculation

Users can easily send a calculation to different services using the share button, this could be an email, a social network, or even the clipboard.

Delete

Deleting items using the contextual options when sliding it to the right.

Questions?

Thank you

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