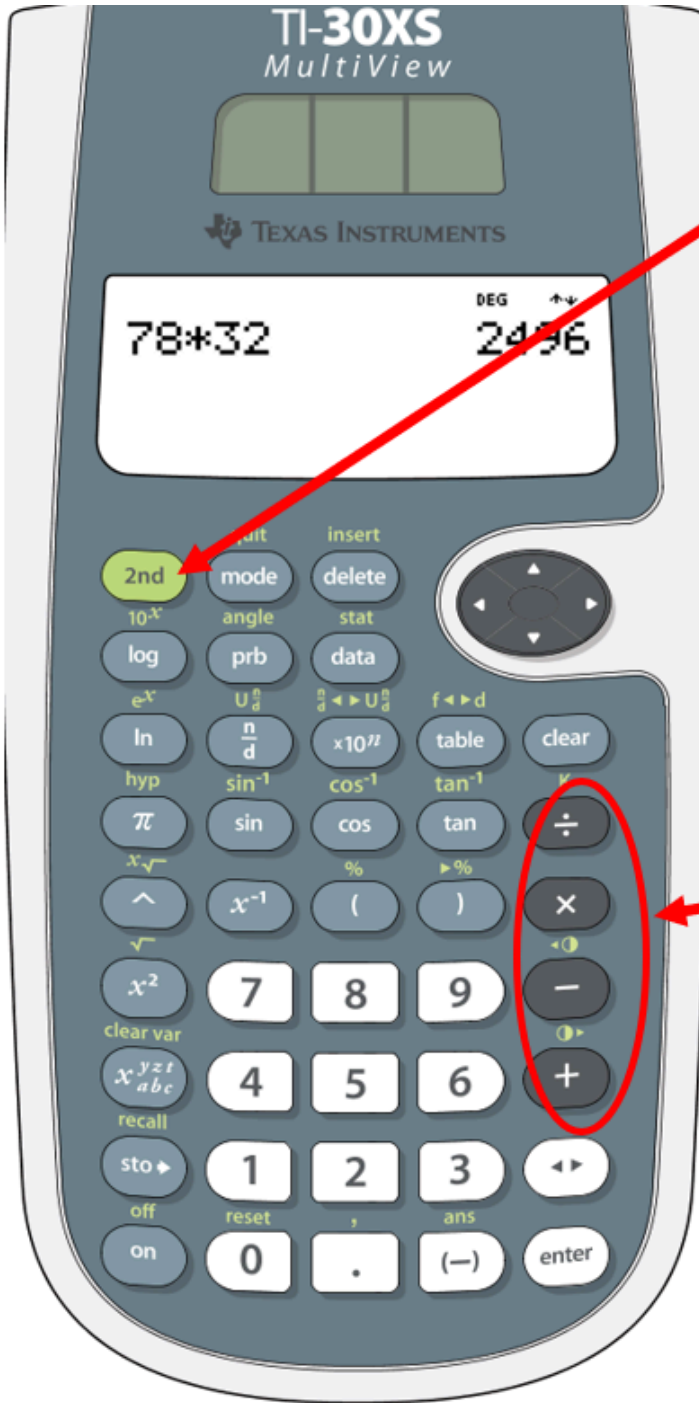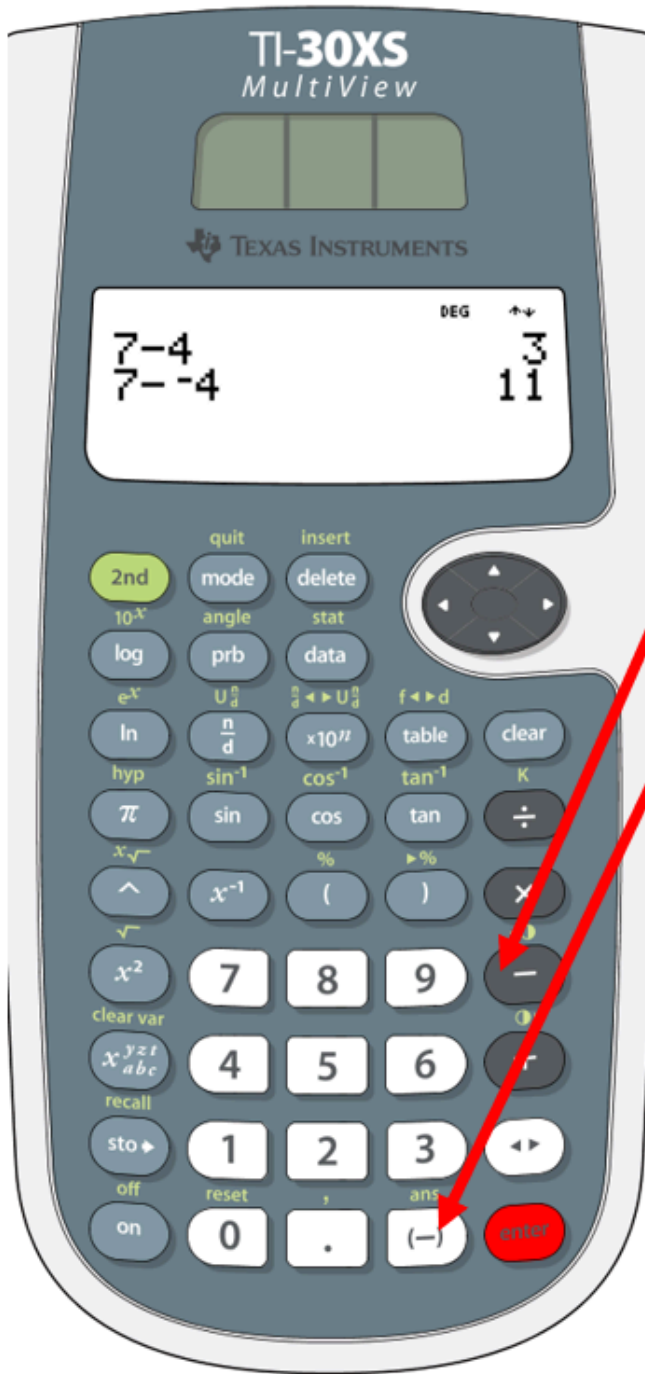# Basic Operations on the TI 30 XS

The " 2nd " is used access the functions in green written above each key. Press 2nd then the key you want.

"Enter" means = and [quit] ("2nd mode") turns the calculator off.
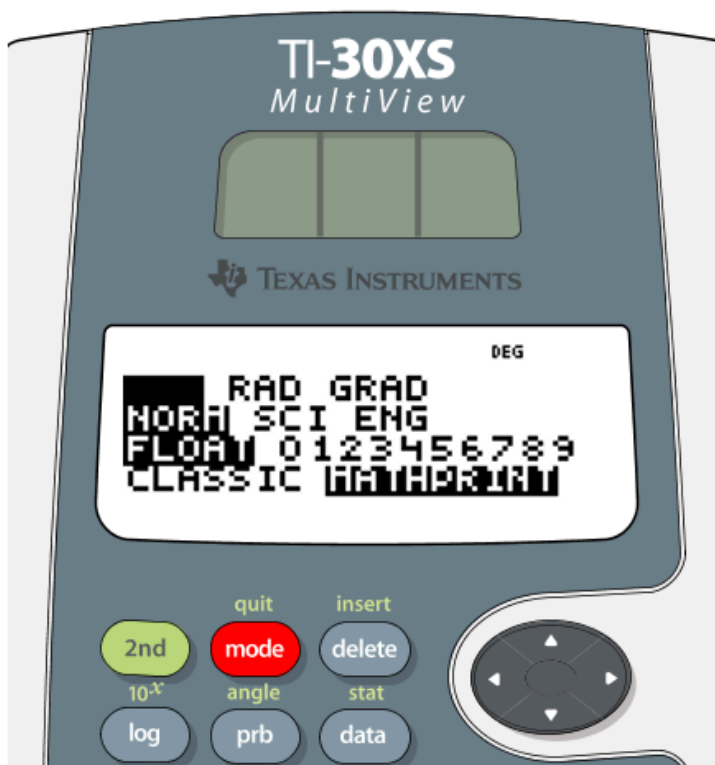
Clear removes everything from the display.

Basic operations

Note: the "–" here means subtraction

while the "(-)" means negative as in a negative number.

The first example is "7 subtract 4" while the second line is "7 subtract negative 4". Notice the slight difference between the two "–" symbols.

Pressing the "mode" key will allow you to change modes for the calculator. For the purposes of the TASC exam, leave in in the default settings. If you need to change the settings, use the arrows to move around this screen.

[quit] ("2nd mode") will bring you back to the home screen.

The arrows will also allow you to go back into an expression (if you have not hit "Enter" yet and edit it. You can use the [insert] ("2nd delete") to insert into an expression.
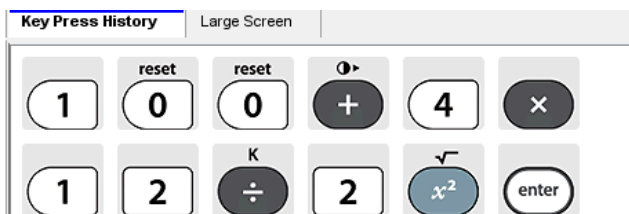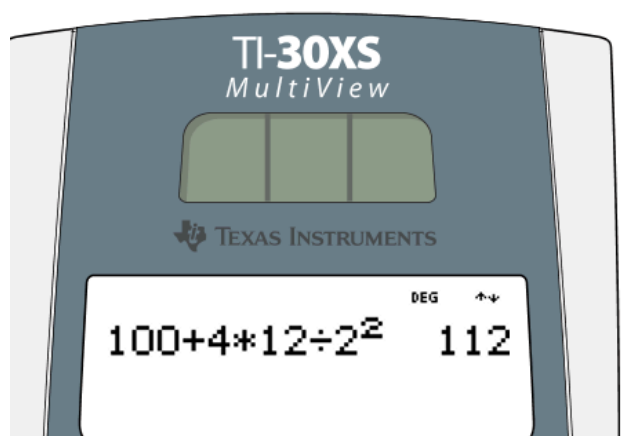
[ans] ("2nd (-)") allows you to bring down the previous answer for additional calculations. In this example, ans refers to 175.

Examples

Order of operations are built into the calculator. You need to enter the expressions exactly as it appears.
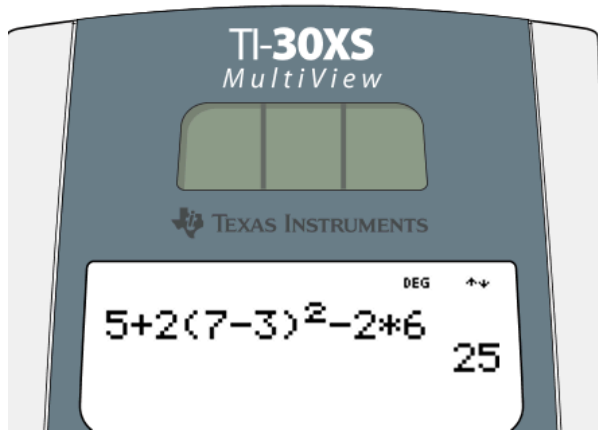
Simplify the following:

$$100 + 4 \times 12 \div 2^2$$

TI-**30XS**
MultiView
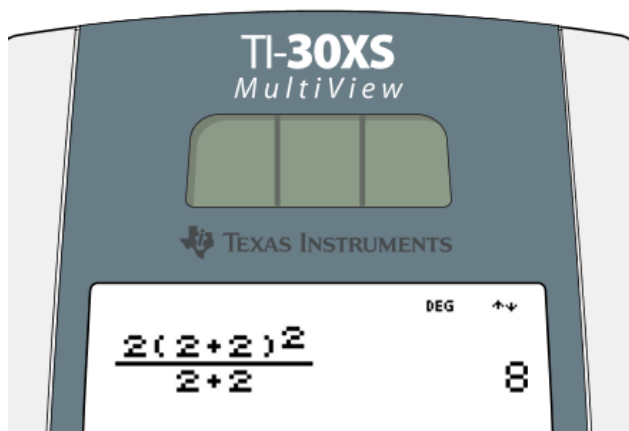
TEXAS INSTRUMENTS

$$100+4*12\div2^2 \quad 112$$

Key Press History   Large Screen

1	0	0	+	4	×

1	2	÷	2	x^2	enter

Simplify the following:

$$5 + 2(7 - 3)^2 - 2 \cdot 6$$

Simplify the following:

$$\frac{2(2 + 2)^2}{2 + 2}$$