Save Time 2: Use DELETE and INSERT Classic View

Objectives:

- Review using 2nd (entry solve) enter to recall previous entry, ENTRY
- Use left and right arrows to move within an entry
- Use DELETE and INSERT to edit a previous calculation

Review using 2nd (entry solve) enter to recall previous entry, ENTRY

Graphing calculators stores recent calculations in memory.

To see the most recent entry, type 2nd (entry solve) enter. To see more entries, press 2nd (entry solve) enter repeatedly.
Note: Any calculator stores at least ten calculations; newer operating systems store even more.

Note: With newer operating systems, you can also press the directional arrows ▲ ▼ to move to the desired entry, then press enter (entry solve) when you find the one you want.

Use left and right arrows to move within an entry

We can type over keystrokes in a previous entry to change them.
IMPORTANT: Examples 1 and 2 must be done in order!

Example 1: Calculate $\left(1+\frac{.05}{4}\right)^{12}$, then $\left(1+\frac{.05}{4}\right)^{20}$ using minimal keystrokes.

Press these: (1 + . 0 5 ÷ 4) ^ 1 2 enter

Then press these buttons to back up over the 12: 2nd (entry solve) enter ◀ ◀ 2 0 enter

See this screen:

```
(1+.05/4)^12
        1.160754518
(1+.05/4)^20
        1.282037232
```

Use DELETE and INSERT to edit a previous calculation

If we need more or fewer keystrokes, we can delete del (ins) or insert 2nd del (ins)
Important: DELETE removes the entry where the cursor is, but INSERT puts new keystrokes <u>in front (to the left)</u> of the cursor's location.

Also note: The calculator stays in INSERT mode until we press an ◀ ▶ or enter (entry solve).

Example 2: Calculate $\left(1+\frac{.05}{4}\right)^{480}$, then $\left(1+\frac{.05}{4}\right)^{4}$ using minimal keystrokes.

Press these buttons [2nd] [entry solve enter] [◀] [◀]

```
(1+.05/4)^480
```

Delete 2 where the cursor is [ins del].

Then enter insert mode by pressing [2nd] [ins del]. Notice the cursor flashes between 0 and underscore.

```
(1+.05/4)^_
```

```
(1+.05/4)^0
```

Insert numbers before cursor and finish the calculation by pressing [L4 4] [T v 8] [P entry solve enter].

See this screen:

```
(1+.05/4)^480
      388.7006847
```

To do the second calculation, press [2nd] [entry solve enter] [◀] [◀] to move on top of 8,

then delete 80 [ins del] [ins del] and press [entry solve enter].

See this screen:

```
(1+.05/4)^20
      1.282037232
(1+.05/4)^480
      388.7006847
(1+.05/4)^4
      1.050945337
```

Try It!

1) Calculate $2500\left(1+\frac{.05}{4}\right)^{12}$ and $2350\left(1+\frac{.05}{12}\right)^{24}$ using minimal keystrokes

Solutions

```
2500(1+.05/4)^12
      2901.886294
2350(1+.05/12)^2
4
      2596.612139
```

Recall an entry from the examples, insert 2500, change exponent to 12 by overwriting.
Recall the entry just edited, overwrite 2350, delete denominator 4, insert denominator 12, overwrite exponent 24.