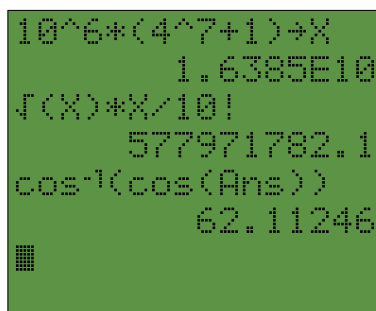


TI calculator display

(TI-82 STATS)

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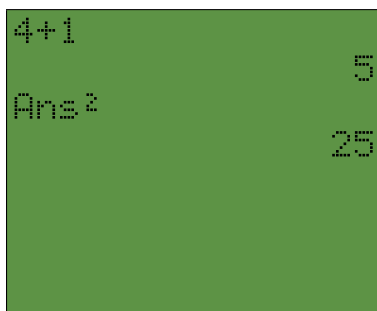
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1 Quickstart



```
1 \documentclass{article}
2 \usepackage[color]{tiscreeen}
3 % Remove 'color' to display in back and white
4
5 \begin{document}
6
7 \tiscreeen
8 |4+1          |
9 |             5|
10|Ans{sq}      |
11|             25|
12|             |
13|             |
14|             |
15|             |
16
17 \end{document}
```

2 Package option(s)

2.1 Color

Using the `color` option will change the colors used by the `\LCD` command. The colors are defined as `tiscreeenfg` (foreground. i.e. font color) and `tiscreeenbg` (background). These colors can be redefined like this:

```
1 % Add this to your preamble
2 \definecolor{tiscreeenbg}{HTML}{5d9345}
3 \definecolor{tiscreeenfg}{HTML}{FFFFFF}
```

3 LCD size

The default LCD size is 8×16 (the size of the TI-82 STATS). It can be changed by redefining the variables used to determine the size of the display or by using the original `\LCD` command.

```
1 % First method:
2 \def\tiscreeenX{16}
3 \def\tiscreeenY{8}
4
5 % Second method:
```

```

6 \LCD{5}{11}
7 |ANOTHER |
8 |EXAMPLE |
9 |WITH A |
10 |DIFFERENT|
11 |SIZE |

```

4 Additional defined characters

Added characters		
Name	Symbol	\LCD Code
E	\mathbb{E}	<code>\sciE</code>
σ	\mathbb{O}	<code>\sigma</code>
\bar{x}	\mathbb{X}	<code>\barx</code>
\bar{y}	\mathbb{Y}	<code>\bary</code>
x^2	\mathbb{Z}	<code>\sq</code>
x^{-1}	\mathbb{A}	<code>\ar</code>
x_1	$\mathbb{1}$	<code>\sub1</code>
x_2	$\mathbb{2}$	<code>\sub2</code>
x_3	$\mathbb{3}$	<code>\sub3</code>
x_4	$\mathbb{4}$	<code>\sub4</code>
x_5	$\mathbb{5}$	<code>\sub5</code>
x_6	$\mathbb{6}$	<code>\sub6</code>
Redefined characters		
$!$	$\mathbb{!}$	<code>\{!\}</code>
\sqrt{x}	\mathbb{J}	<code>\sqrt{x}</code>
e	\mathbb{e}	<code>e</code>
i	\mathbb{i}	<code>i</code>
v	\mathbb{v}	<code>v</code>
w	\mathbb{w}	<code>w</code>