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# *25 Clever Activities on the TI-84 Plus Graphing Calculator For Conceptual Understanding*

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## Problem # Chapter titles

- 04 Is square root of  $x = x$ ?
- 05 Is the square of the square root of  $x = x$ ?  
Teaching Inverses  
Inverse of  $y = \cos x$
- 11 Visualize relative extrema
- 12 Visualize increasing/decreasing functions
- 16 illustrate infinite solutions of systems
- 24 limits, asymptotes, rational functions
- 17 sequences, series, sigma notation
- 18 derive summation formulas
- 25 lists as spreadsheets
- 22 intersection coordinates are automatically stored
- 08 transformations as compositions