

## USING THE TI-83 GRAPHING CALCULATOR

- 1) Turn the calculator ON: ON
  
- 2) Turn the calculator OFF: 2nd OFF ON
  
- 3) Adjusting the contrast: 2nd Δ to make the display darker  
2nd ∇ to make the display lighter
  
- 4) Recall a previous entry: 2nd ENTRY ENTER
  
- 5) Subtraction vs. Negative No.  
 $5 - (-3)$  5 - ( (-) 3 ) ENTER
  
- 6) Delete an entry: Move the cursor on TOP of the entry you want to delete, then press DEL
  
- 7) Insert an entry: Move the cursor to the position that you want to insert an entry, Press 2nd INS DEL , enter your entry / entries.  
 Note: pressing a cursor key exits you from insertion mode.
  
- 8) Fractions:  
 $\frac{2}{3} + \frac{3}{4}$  ( 2 ÷ 3 ) + ( 3 ÷ 4 ) ENTER  
2 / 3 + 3 / 4 ENTER
  
- Note: By order of operations, parentheses are not always needed.  
 Convention: I will use / for division, in place of ÷
  
- $5 \frac{1}{3} \times 2 \frac{3}{4}$  ( 5 + 1 / 3 ) × ( 2 + 3 / 4 ) ENTER
  
- 9) Radicals:  
 $\sqrt{9}$  2nd  $\sqrt{\quad}$  x<sup>2</sup> ( 9 ) ENTER  
 $\sqrt[3]{8}$  MATH 4:  $\sqrt[3]{\quad}$  ( 8 ) ENTER  
 $3 \sqrt[4]{16}$  3 × 4 MATH 5:  $\sqrt[4]{\quad}$  ( 16 ) ENTER
  
- 10) Exponents:  $2^8$  2 ^ 8 ENTER
  
- 11) Absolute Value:  $|-8|$  MATH ▸ NUM 1: abs( (-) 8 ) ENTER