Order of Operations for the TI-85

Enter the following problems on your graphing calculator. I've included the answers so you will know that you have entered them correctly and pointed out some common mistakes that are made.

1. $18 \div 3 \cdot 7^2 - 6$ Answer = 288

Use ^ to enter the exponent.

2. $4\sqrt{325-225} - 120 \div 5$ Answer = 16

Be sure to put the radicand (325-225) in parentheses.

3. $\dfrac{3-7^2}{1+5^3}$ Answer = -23/63 = -.36508

The numerator and denominator must be placed in parentheses.
(3-7^2)÷(1+5^3)

Be sure you know how to get your answer as either a fraction or a decimal.

On the TI-85, with the decimal answer displayed on the right side of the screen,

2nd Math
F5: Misc
More
F1: Frac
Enter

4. $\dfrac{20(-7+11)}{-2^2} - \dfrac{\left(-6^2+16\right)}{-16-(-15)}$ Answer = -40

Be sure to use - for subtraction and (-) for negative numbers.

The denominator of the second fraction needs to be placed in parentheses.