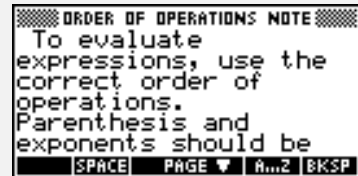


Objectives:

Using the **ORDER OF OPERATIONS** applet, the student will simplify expressions using the order of operations.

Functionality:

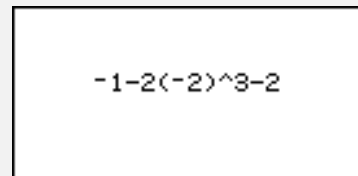
When the student presses **START**, the **ORDER OF OPERATIONS NOTE** will be displayed.



VIEWS allows the student to select a new problem, enter the answer to the problem, see the steps involved in solving the problem, or to view the problem again.



New Problem will display a problem for the student to solve. The problems will be randomly generated.



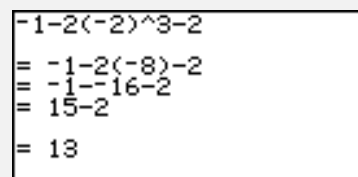
Guess prompts the student to enter the answer.



Information concerning the answer will be displayed in a message box. **EXCELLENT!** appears when the student is correct. If the answer is incorrect, the message box will display **TOO LOW TRY AGAIN** or **TOO HIGH TRY AGAIN**.



Show Steps will show the steps involved in solving this problem. Press any key to see the next step.

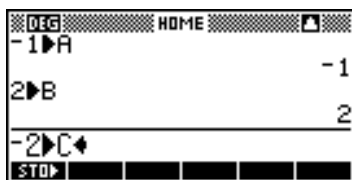


See Problem will display the problem again if needed.

$$-1-2(-2)^3-2$$

Additional Exploration:

From the **HOME** screen, evaluate the following expression given $A=-1$, $B=2$, $C=-2$, $D=3$, and $E=-5$. (Highlight the expression and press **SHOW** to see the expression in algebraic form.)



$$\frac{A^C \cdot B \cdot (C-D)}{E}$$

Ideas can be applied to:

Prealgebra, Algebra I, Algebra II

Programs associated with this applet:

.OO.NP, .OO.G, .OO.S, .OO.SEE, .OO.SV