



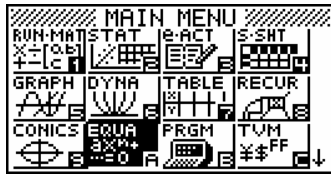
CASIO eLearning Activities



Solving First Degree Equations

Example: $2x + 3 = 9$

1) **MENU**



2) Go to **EQUA** and **EXE**

3) Push **F3** for **Solver**.

4) Push **F2** for **DEL** and **F1** for **YES** to delete the previous equation.

5) Type **2** **X,θ,T** **+** **3** **SHIFT** **=** **9** in the equation.
Note: **SHIFT** **=** gives you the =.

6) Push **F6** for **SOLV**.
The **answer** is **x = 3**.

Remember - The answer appears **AFTER** you push **SOLV**. A different **x=** occurs if you just push **EXE**.

Practice Problems

Solutions

1. $-5x + 6 = -9$

x = 3

2. $3(2x - 7) - 1 = 5(3x + 1)$

x = - 3

3. $\frac{2x - 5}{3} + 5 = 8$

x = 7

4. $\frac{x}{5} + \frac{3}{2} = 2x$

x = .833 = 5/6