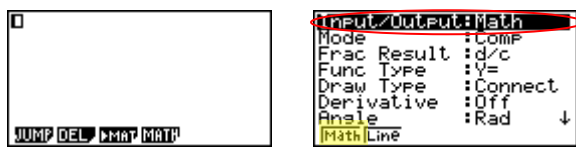


RUN

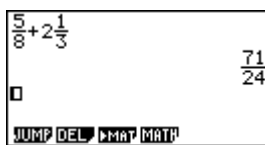
This section is an overview of the RUN Icon. To select an icon from the icon menu system, use the ◀ ▶ ▲ ▼ to highlight the desired icon, then press **EXE** or press the number/letter in the lower right corner of the icon. For the RUN menu, press **1** to display the initial screen.

Note: All operations in this handout will utilize the “Math” input mode, which allows natural input and display of certain functions, just as they appear in a textbook. To make sure your calculator is in “Math” mode, press **SHIFT** **MENU** **F1** **EXIT** from the RUN menu.

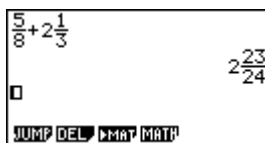


1. When performing general computations, you can press **a/b/c** to enter fractions and mixed numbers. To solve the problem, $\frac{5}{8} + 2\frac{1}{3}$ input the following:

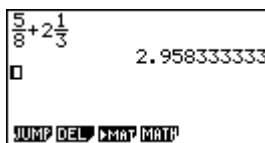
- **a/b/c** **5** **▼** **8** **▶** **+** **SHIFT** **a/b/c** **2** **▶** **1** **▼** **3** **EXE**



2. To change the answer, $\frac{71}{24}$, to a mixed number, press **SHIFT** **F=D** ($a\frac{b}{c} + \frac{d}{c}$).



3. To change the answer to a decimal approximation, press **F=D**. **F=D** is a toggle key that will switch entered data or answers from standard form to its decimal approximation and back.

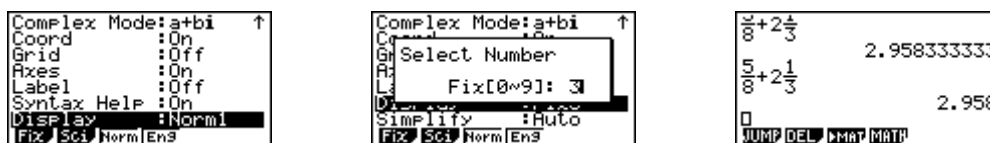


RUN

- To change the displayed number of decimal places, enter the SET UP menu by pressing **SHIFT** **MENU** . **▼** to Display, select **F1** (Fix) and enter the desired amount of decimal places followed by **EXE** . For this example, 3 decimal places are used.

Note: Every icon's SET UP menu is accessed in the same way.

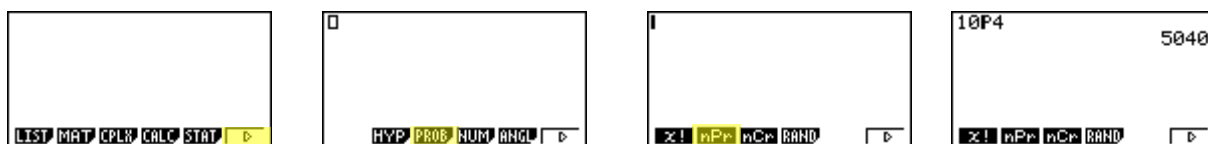
- SHIFT** **MENU** **▼** **▼** **▼** **▼** **▼** **▼** **▼** **▼** **▼** **▼** **F1** **3** **EXE** **EXIT** **EXE** **F-D**



From the RUN menu, many calculations can be entered by selecting **OPTN** . For example: hyperbolic, probability/distribution, numeric (including differential and integration), conversion, engineering, complex number and binary, octal, decimal and hexadecimal calculations.

- To calculate the possible number of different arrangements using 4 items selected from among 10 items, enter the following from the RUN home screen:

- OPTN** **F6** **F3** **1** **0** **F2** **4** **EXE**



- To calculate $|-10^3 + 2|$, enter the following from the RUN home screen:

- OPTN** **F3** **F2** **(←)** **1** **0** **^** **3** **(→)** **+** **2** **EXE**

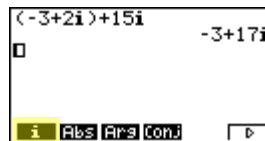


Calculations can be performed with complex numbers and answers can be displayed in a+bi form.

RUN

7. To calculate $(-3 + 2i) + 15i$; enter the following:

- **OPTN** **F3** **cos** **(←)** **3** **+** **2** **F1** **tan** **+** **1** **5** **F1** **EXE**



Sigma calculations can also be performed in the RUN menu.

8. To calculate $\sum_{k=2}^6 (k^2 - 3k + 5)$; enter the following:

- **OPTN** **F4** **F6** **F3** **ALPHA** **↵** **x²** **3** **ALPHA** **↵** **+** **5** **▶** **ALPHA** **↵** **▶** **2** **▲** **6** **EXE**

