

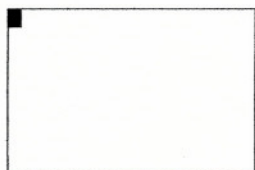
**POWERS and ROOTS**

Press **[ON]** to turn on the calculator. Press **[2nd] [OFF]** to turn off the calculator.

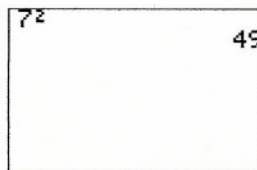
**PRACTICE:**

**Example 1:  $7^2$**

Step 1: Turn on the calculator (press **[ON]**).

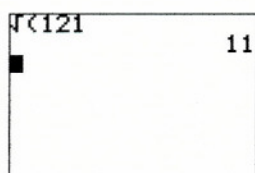


Step 2: Press 7 **[x^2] [ENTER]**.



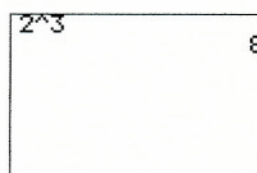
**Example 2:  $\sqrt{121}$**

Step 1: Press **[2nd] [√] 121 [ENTER]**



**Example 3:  $2^3$**

Step 1: Press 2 **[^] 3 [ENTER]**.



**Example 4:  $\sqrt[3]{50}$**

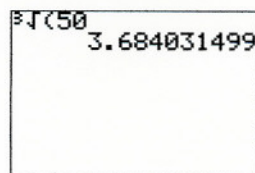
Step 1: Press **[MATH]**



Step 2: **[>] [>] [>] [ENTER]**



Step 3: 50 **[ENTER]**



**EXERCISES:**

Solve the following problems (If necessary, round answers to the nearest hundredth).

- |                |                               |                    |
|----------------|-------------------------------|--------------------|
| 1. $6^3$       | 2. $8^4$                      | 3. $\sqrt[3]{729}$ |
| 4. $3^9$       | 5. $\sqrt{1296}$              | 6. $\sqrt[3]{150}$ |
| 7. $5^4 + 3^6$ | 8. $\sqrt{441} + \sqrt{3136}$ | 9. $15^2 - 2^3$    |