

Use your calculator to compute each expression to 8 decimal points accuracy. Write down the sequence of keys you entered in order to compute each expression. Do not round numbers in mid-computation.

1. (2pts) $\sqrt[7]{11} = 1.40854389$

Sci: 11 [$\sqrt[y]{x}$] 7 [=]

Graph: $11^{(1/7)}$

2. (3pts) $2.3^{1/12} - 1.012 = 0.05987462$

Sci: 2.3 [y^x] (1/12) - 1.012 [=]

Graph: $2.3^{1.2} - 1.012$

3. (4pts) $\sqrt[4]{4.31 \cdot 3.25} = 1.93459543$

Sci: 4.31 * 3.25 [=] [$\sqrt[y]{x}$] 4 [=]

Graph: $(4.31 * 3.25)^{(1/4)}$

4. (3pts) $\frac{\log 1.76}{\log 0.311} = -0.48401714$

Sci: 1.76 [log] / 0.311 [log] [=]

Graph: $\log(1.76) / \log(0.311)$

5. (4pts) $\frac{\log(4.17 - 2.356)}{-4 \log 5.2} = -0.090305892$

Sci: 4.17 - 2.356 [=] [log] / (4 [+/-] * 5.2 [log]) [=]

Graph: $\log(4.17 - 2.356) / (-4 * \log(5.2))$

6. (4pts) $\frac{\log(3.2 + 40.5 \cdot 31.42)}{18 \log 1.25} = 1.78043290$

Sci: 3.2 + 40.5 * 31.42 [=] [log] / (18 * 1.25 [log]) [=]

Graph: $\log(3.2 + 40.5 * 31.42) / (18 * \log(1.25))$