

Name: _____
Group Members Present: _____

Grade: _____

_____, _____, & _____

Use a calculator or spreadsheet. Report answers rounded to three decimal places.

1. Calculate the following expressions:

a. $(3 + 2) \cdot (4 - 5)$

b. $\frac{5 + 7}{2}$

c. $\frac{15}{3 + 6}$

d. $4 + \frac{15}{3 + 6}$

e. $\frac{3}{4 + \frac{15}{3 + 6}}$

2. Calculate the following expressions:

a. 5^2

b. 15^3

c. $6^{1.7}$

d. $e^4 + 2.9$

e. $e^{(4 + 2.9)}$

3. Calculate the following expressions:

a. $-2 + 7 \cdot -4$

b. $-\frac{5}{1 + 3e^{-2}}$

c. $5 - 2^{6-3}$

d. $5 - 2^6 - 3$

e. $5(2^6)(-3)$

4. Perform the following operations. Evaluate each expression.

- a. Store $\frac{3 \cdot \ln 5}{7}$ in A (or cell A1).
- b. Store $20e^{1.2}$ in B (or cell B1).
- c. Store $2A + 4B$ in C (or cell C1).
- d. Store $2A - 4B$ in D (or cell D1).
- e. Evaluate $\frac{C + D}{2}$.