5e Calculus Concepts LaTorre, et al.

Calculator Practice

Using Technology

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Name: _______ Group Members Present:

| Grade: | |
|--------|--|
|--------|--|

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

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. 15³
- $c = 6^{1.7}$
- 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. $5(2^6)(-3)$

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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 $\frac{C+D}{2}$.