

You are encouraged to work in groups of two to four on this assignment and make a single group submission. Each problem is worth 1 point. For full credit indicate clearly how you reached your answer. All work must be legible and submitted on clean paper without ragged edges.

1. Write the first half dozen non-zero terms of the Maclaurin series for $\cos x$.
2. Write the first half dozen non-zero terms of the Maclaurin series for $\sin x$.
3. Write the first dozen terms of the Maclaurin series for e^x .
4. Notice how those almost fit together? \square

