

You are encouraged to work in groups of two to four on this assignment and make a single group submission. Each problem is worth 5 points. For full credit indicate clearly how you reached your answer. All work must be legible and submitted on clean paper without ragged edges.

1. Find a formula for a sequence that begins $\left\{\frac{1}{2}, \frac{1}{3}, \frac{1}{6}, \frac{1}{11}, \frac{1}{178}, \dots\right\}$.
2. Do #26 in §11.2.
3. Do #38 from Chapter 11's Review Exercises.
4. Do #12 from Chapter 11's Problems Plus.