

Please turn in the following problems:

11.1: 5, 16. 11.5: 1. 11.6: 1.

Read Example 4 on P275 and complete the following problem:

5.1: 9. 15. 25. 19 5.2: 37

Past exam questions:

Consider the sequence $x_i = \frac{i+3}{i-2}$, $3 \leq i \leq 100$.

1. Find x_6 .

2. Compute $\sum_{i=1}^3 x_{i+2}$.

3. Fill in the two blanks:

$$\sum_{i=1}^3 x_{i+2} = \sum_{i=_\}^{10} x__$$

4. Find the exact value of $\sum_{i=3}^{100} \left(\frac{x_i(i-2)-3}{i} \right)$.