

Name _____
Mr. Schlansky

Date _____
Algebra II

Finding the Sum of an Arithmetic Series (Explicit Notation)

1. Find the sum of the first 8 terms of the sequence $3 + 5 + 7 + 9 + \dots$

2. Find the sum of the first 20 terms of the sequence $4 + 7 + 10 + 13 + \dots$

3. Find the sum of the first 15 terms of the sequence $9 + 14 + 19 + 24 + \dots$

4. Find the sum of the first 12 terms of the sequence $14 + 11 + 8 + 5 + \dots$

5. Find the sum of the first 67 terms of the sequence $2 + 11 + 20 + 29 + \dots$

6. Find the sum of the first 18 terms of the sequence $100 + 95 + 90 + 85 + \dots$

7. Find the sum of the first 10 terms of the sequence $-12 - 9 - 6 - 3 - \dots$

8. Find the sum of the first 25 terms of the sequence $6 + 2 - 2 - 5 - 9 - \dots$