

Series and Sigma Notation WS

Write using Sigma (Σ) notation.

① $24 + 32 + 40 + 48 + \dots$

② $5 + 10 + 15 + \dots + 50$

③ $-6 - 1 + 4 + 9 + 14$

④ $6 - 12 + 24 - 48$

Write each series in expanded form.

⑤ $\sum_{n=1}^6 (n^2 + 1)$

⑥ $\sum_{n=1}^5 \frac{1}{n^2}$