

Student: _____ Class: _____ Date: _____

Arithmetic and geometric sequences and series
Student Activity Sheet 2; Exploring "Arithmetic sequences and series"

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12. Write the series represented by the sigma notation $\sum_{n=1}^5 (2 + 3n)$.
13. Represent the series $20 + 23 + 26 + 29 + 32 + 35 + 38 + 41 + 44 + 47 + 50 + 53$ using sigma notation.
14. Represent the series $15 + 20 + 25 + 30 + 35 + 40 + 45 + 50 + 55 + 60 + 65 + 70 + 75 + 80$ using summation notation.