

PRACTICE WITH SUMS FROM SEQUENCES

NAME: \_\_\_\_\_

Period: \_\_\_\_\_

A. 
$$\sum_{i=1}^4 (3i+1)$$

B. WRITE IN  $\Sigma$  NOTATION

$$5 + 8 + 11 + 14 + 17$$

C. FIND SUM FOR ARITHMETIC  
SEQUENCE WITH

$$a_1 = 12 \text{ and } a_{40} = 129$$

D. FIND SUM FOR GEOMETRIC  
SEQUENCE

$$3 + 3\left(\frac{1}{4}\right) + 3\left(\frac{1}{4}\right)^2 + 3\left(\frac{1}{4}\right)^3$$