

NAME

QUARTER 1

GRADE & SECTION

DATE

Activity: Arithmetic Sequence

Part I: Arithmetic Sequence or Not?

If the given is an Arithmetic Sequence,
choose YES then give the common difference (d),
If Not, choose NO then write NA on the common difference (d).

	Arithmetic Sequence?	common difference (d)
1) $-8, 92, 192, 292, \dots$		
2) $1, 9, 25, 49, \dots$		
3) $192, 1928, 19288, 192888, \dots$		
4) $8, 3, -2, -7, \dots$		
5) $-21, 9, 39, 69, \dots$		

Part II: Finding the n th term

Complete the information needed to solve the indicated n th term.

Recall that : $a_n = a_1 + (n - 1)d$

1) What is the 27th term in the arithmetic sequence:

$-21, -23, -25, -27, \dots$

$n =$ $a_1 =$ $d =$

Final answer:

The ___th term is .

2) Find a_{36} in the arithmetic sequence:

$-4, -1, 2, 5, \dots$

$n =$ $a_1 =$ $d =$

Final answer:

The ___th term is .

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 LIVEWORKSHEETS