Name:		Unit 3: Relations & Functions
Date:	Bell:	_ Homework 5: Arithmetic Sequences & Quiz 3-2 Review
)	** This is a 2-pag	e document! **
	: 1	
Determine whether each so If yes, identify the common		metic sequence.
1. 4, 7, 9, 12,		2. 15, 13, 11, 9,
3. 7, 10, 13, 16,		46, -5, -3, -1,
513, -6, 1, 8,		69, -14, -19, -24,
Find the next three terms	of each arithmetic s	sequence.
7. 3, 7, 11, 15,,		8 . 22, 20, 18, 16,,
913, -11, -9, -7,,		102, -5, -8, -11,
Write an equation to find t	the nth term of eac	h sequence. Then find a ₂₄
11. 1, 3, 5, 7,	4.	121, -4, -7, -10,
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134, -9, -14, -19,		14. 7, 13, 19, 25,
·		
15. Charlie deposited \$115 in Each week thereafter, he account.	a savings account. deposits \$35 into the	16. As manager of the soccer team, Wendy is to hand out cups of water at practice. Each cup of water is 4 ounces. She begins practice with a 128-ounce cooler of water.
a. Write a formula to rep	resent this sequence	a. Write a formula to represent this sequence.
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b. How much total mone after 30 weeks?	ey has Charlie deposi	ted b. How much water is remaining after she hand out the 14 th cup?