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No	Solution
a.)	a = 7 and $b = 7$. The second sec
	$ \begin{array}{l} d = T_2 - T_1 \\ d = 3 - 7 \end{array} $
	d = -4
	then
	$T_n = a + (n-1)d$
	$ T_n = 7 + (n - 1)(-4) T_n = 7 - 4n + 4 $
	$T_n = -4n + 11$
b.)	$T_n = -4n + 11$
	$\begin{array}{l} with h = 50\\ T_{30} = -4(30) + 11 \end{array}$
	$T_{30} = -109$
c.)	$T_n = -4n + 11 \text{ with}$
	$I_n = -153$ -153 = -4n + 11
	4n = 11 + 153
	4n = 164 $\therefore n = 41$
	<u>n</u>
d.)	$S_n = \frac{n}{2} [2a + (n-1)d]$
	$S_{50} = \frac{50}{2} [2(7) + (50 - 1)(-4)]$
	$S_{50} = -4550$