

2:68
122

$$\textcircled{10} \quad \begin{cases} a_1 = b_2 \\ a_2 = b_5 \end{cases}$$

$$\begin{cases} a_1 = b_1 + d^* \\ a_1 + d = b_1 + 4d^* \\ b_1 + d^* + d = b_1 + 4d^* \\ \boxed{d = 3d^*} \end{cases}$$

$d \rightarrow a \rightarrow$ " " " " " "
 $d^* \rightarrow b \rightarrow$ " " " " " "

מחלקת א' 3)

:הקניו תיבת

$$\textcircled{10} \quad a_n = a_1 + d(n-1) = b_1 + d^* + 3d^*(n-1) = b_1 + d^*(3n-2) = b_{3n-1}$$

$$\textcircled{11} \quad 3(a_1 + a_2 + \dots + a_n) = 3 \cdot \frac{n}{2} [2a_1 + d(n-1)] = \frac{3n}{2} [2(b_1 + d^*) + 3d^*(n-1)] =$$

$$= \frac{3n}{2} [2b_1 + d^*(3n-1)] = S_{\substack{3n \\ \text{מספר} \\ b_1}}$$