Вежбање

10.03.2021.

543 $S_6 = (n-2) \cdot 180°$ $S_6 = 4 \cdot 180°$ $98° + 105° + 132° + 125° + 152° = 612°$

$S_6 = (6-2) \cdot 180°$ $S_6 = 720°$ $\alpha_6 = 720° - 612° = 108°$

582 $d_n = 22$ $n = 22 + 3$ $D_n = \frac{22 \cdot 25}{2}$ $S_n = (25-2) \cdot 180°$

$d_n = n - 3$ $n = 25$ $D_n = 275$ $S_n = 23 \cdot 180°$

$n = d_n + 3$ $D_n = \frac{d_n \cdot n}{2}$ $S_n = (n-2) \cdot 180°$ $S_n = 4140°$

606 $S_n = 1800°$ $d_n = ?$ $1800° = (n-2) \cdot 180°$ $D_n = \frac{d_n \cdot n}{2}$ $\beta_n = 30°$

$n = ?$ $\beta_n = ?$ $n - 2 = 10$ $D_n = \frac{10 \cdot 12}{2}$

$d_n = ?$ $\gamma_n = ?$ $n = 12$ $D_n = 60$

$D_n = ?$ $S_n = (n-2) \cdot 180°$ $d_n = n - 2 = 10$ $d_n = \frac{S_n}{n} = 150$