

Примене ставова поурарности

10.3.2021

За ромату: Уписати ставове поурарности.

$$552. \text{ a) } 158^\circ, 156^\circ, 157^\circ, 97^\circ, 99^\circ, 161^\circ, 92^\circ, 160^\circ$$

$$n=8$$

Дом: 543, 606, 582.

$$S_n = (n-2) \cdot 180^\circ$$

$$S_8 = (8-2) \cdot 180^\circ$$

$$S_8 = 6 \cdot 180^\circ$$

$$S_8 = 1080^\circ$$

$$158^\circ + 156^\circ + 157^\circ + 97^\circ + 99^\circ + 161^\circ + 92^\circ + 160^\circ = 1080^\circ$$

606.

$$d_n = 21$$

$$D_n = \frac{n \cdot (n-3)}{2}$$

$$S_n = (n-2) \cdot 180^\circ$$

$$d_n = n-3$$

$$D_{2n} = \frac{2n \cdot (2n-3)}{2}$$

$$S_{2n} = 22 \cdot 180^\circ$$

$$n = 21 + 3$$

$$D_{2n} = \frac{2n \cdot 21}{2}$$

$$S_{2n} = 3960^\circ$$

$$n = 24$$

$$D_{2n} = 12 \cdot 21$$

$$D_{2n} = 252$$

$$d_n = \frac{(n-2) \cdot 180^\circ}{n}$$

$$\beta_n = \frac{360^\circ}{n}$$

$$d_n = \frac{S_n}{n}$$

$$\beta_{2n} = \frac{360^\circ}{2n}$$

$$d_{2n} = \frac{3960^\circ}{24}$$

$$\beta_{2n} = 15^\circ$$

$$d_{2n} = 165^\circ$$

$$\varphi_n = \frac{360^\circ}{n} = \beta_n$$

$$\varphi_{2n} = 15^\circ$$

