

ДОПУНСКА НАСТАВА

1. ДЕЛЈИВОСТ СА 2, 3, 4, 5, 9

2. РАСТАВИТИ НА ПРОСТЕ ЧИНИОЦЕ:

$$\begin{array}{r|l} 96 & 2 \\ 48 & 2 \\ 24 & 2 \\ 12 & 2 \\ 6 & 2 \\ 3 & 3 \\ 1 & \end{array}$$

$$96 = 2^5 \cdot 3$$

$$\begin{array}{r|l} 312 & 2 \\ 156 & 2 \\ 78 & 2 \\ 39 & 3 \\ 13 & 13 \\ 1 & \end{array}$$

$$312 = 2^3 \cdot 3 \cdot 13$$

3. ИЗРАЧУНАТИ

$$\text{НЗД}(128, 192) = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \\ = 64$$

$$\begin{array}{r|l} 128, 192 & 2 \\ 64, 96 & 2 \\ 32, 48 & 2 \\ 16, 24 & 2 \\ 8, 12 & 2 \\ 4, 6 & 2 \\ 2, 3 & \end{array}$$

4. ИЗРАЧУНАТИ

$$\text{НЗС}(5, 6, 8) = \\ = 2 \cdot 2 \cdot 2 \cdot 3 \cdot 5 \\ = 120$$

$$\begin{array}{r|l} 5, 6, 8 & 2 \\ 5, 3, 4 & 2 \\ 5, 3, 2 & 2 \\ 5, 3, 1 & 3 \\ 5, 1, 1 & 5 \\ 1, 1, 1 & \end{array}$$