

10.27.

$$CPI_4 = \frac{\sum P_t \cdot Q_0}{\sum P_0 \cdot Q_0} \cdot 100$$

$$CPI_{15} = \underline{\underline{100}} \text{ (za'kladni' rok)}$$

$$CPI_{16} = \frac{\sum P_{16} \cdot Q_{15}}{\sum P_{15} \cdot Q_{15}}$$

$$CPI_{16} = \frac{82 \cdot 40 + 120 \cdot 25 + 109 \cdot 10 + 88 \cdot 25}{100 \cdot 40 + 100 \cdot 25 + 100 \cdot 10 + 100 \cdot 25} \cdot 100$$

$$CPI_{16} = \frac{3280 + 3000 + 1090 + 2200}{4000 + 2500 + 1000 + 2500} \cdot 100$$

$$CPI_{16} = \frac{9570}{10000} \cdot 100$$

$$CPI_{16} = \underline{\underline{95,7}}$$

$$\pi_{16} = \frac{CPI_{16} - CPI_{15}}{CPI_{15}} \cdot 100$$

$$\pi_{16} = \frac{95,7 - 100}{100} \cdot 100$$

$$\pi_{16} = \underline{\underline{-4,3\%}}$$