

Task. If a pizza costs 2.85 to produce and is sold to the guest for 9.95, what percentage gross profit is made from this dish?

Solution. If $X_0 = 2.85$ is the pizza cost, and $X_1 = 9.95$ is its price, then the percentage gross profit made from this dish is equal to

$$p = \frac{X_1}{X_0} * 100\%.$$

Substituting values we get:

$$p = \frac{X_1}{X_0} * 100\% = \frac{9.95}{2.85} * 100\% \approx 3.4912 * 100\% = 348.12\%.$$

Answer. 348.12%.