Question #32226

a case of 24 bottles of lager costs £14.95 from our suppliers and we sell each individual bottle for £2.95.what percentage profit do whe make on each bottle?

Solution. Since 24 bottles cost £14.95, we conclude that one bottle costs $14.95 \div 24 = \frac{1495}{100 \cdot 24} = \frac{1495}{2400} = \frac{299}{480}$.

Then the profit on each bottle $2.95 - \frac{1495}{2400} = \frac{295}{100} - \frac{1495}{2400} = \frac{295 \cdot 24 - 1495}{2400} = \frac{5585}{2400} = \frac{1117}{480}$.

Thus, the percentage profit $\frac{1117}{480} \div \frac{299}{480} \cdot 100\% \approx 374\%$

Answer. 374.