Answer on Question #37761, Math, Combinatorics

In the course of a given month, an RV dealer purchases 14 RVs from the manufacturer for $25,250 each and sells them at a 22% mark-up. The overall cost of doing business, 'cost the RV dealer a totals of 45,000 each month in total.'

After these costs, how much profit does the RV dealer make a month?

Solution.

To solve this problem, we have to find what is mark-up for 14 RV's and subtract cost of doing business, so we get the profit:

$$Profit = (25{,}250 \cdot 0.22) \cdot 14 - 45{,}000 = 32770\$.$$

Answer:

$32,770