Question:
Mike decides he wants to replace his movie collection with digital versions. He has 600 movies. A third of the movies are in various series and he knows he can get those for only $6 of the cost of a normal movie by just buying the series together. 40% of the remaining movies are older movies which are $5. How much does replacing the movies cost if a normal movie costs $10?

Reasoning + Answer:
<think>100 - 33 = 67% of 600 movies are not in a series so 600 *.67 = 402 402 *.4 = 160.8 or 161 older movies are $5 161 * 5 = $805 402 - 161 = 241 normal movies are bought which cost $10 each so 241 * 10 = $2410 For the series he pays 6/10ths the price of a regular movie so he pays 241 * 6 = $1446 So in total he pays 2410 + 1446 = $3856
</think><answer>3856</answer>