

**MM150**

**Unit 7: Currency Conversions**

**Example of Post 2: Reply to a Classmate**

I was recently traveling in Moscow for my job, and I came across a wonderful store called Magnolia Blossom Beauty. Their Rejuvenating Facial Mask is the best I've ever used, so I want to have four of them shipped to my home in the US. There is a 5% sales tax along with a \$100 shipping charge. How much will that be in US dollars and also in Rubles since I'm purchasing them in Russia?

Four face masks:  $\$50 * 4 = \mathbf{\$200}$  ( $\$200 * 78.19 \text{ rubles/dollar} = \mathbf{15,638 \text{ rubles}}$ )

Sales tax: 5% of \$200 =  $0.05 * 200 = \mathbf{\$10}$  ( $\$10 * 78.19 \text{ rubles/dollar} = \mathbf{781.90 \text{ rubles}}$ )

Shipping charge  $\mathbf{\$100} * 78.19 \text{ rubles/dollar} = \mathbf{7819.00 \text{ rubles}}$

Total cost in dollars:  $\$200 + \$10 + \$100 = \mathbf{\$310}$

Total cost in rubles:  $15,638 + 781.90 + 7819 = \mathbf{24,238.90 \text{ rubles}}$