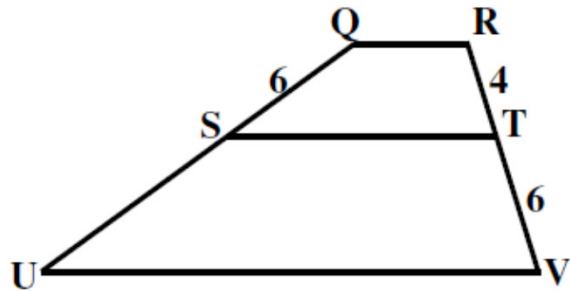# Mastery Check

1. Given $\dfrac{QU}{QS} = \dfrac{RV}{RT}$, find SU.

2. In 2007, the exchange rate of Mexican pesos to American dollars was 11 to 1. When traveling to Mexico City, Caroline paid 143 pesos for a jacket. Set up a proportion and determine how much Caroline paid for the jacket in American dollars.