Answer on Question #53312 - Math – Algebra

Question

Sarosh receives 8% commission on the final price of the clothing he sells. A customer bought a $45.00 coat that was marked 20% off and a $95.00 suit that was marked 30% off. What would Sarosh's Commission be on that customer's purchase?

Solution

The final price of the coat is

$$\$45 - 0.2 * \$45 = \$36$$

The final price of the suit is

$$\$95 - 0.3 * \$95 = \$66.5$$

Sarosh's Commision will be

$$0.08 \cdot (\$36 + \$66.5) = \$\mathbf{8.2}$$

Answer: $\mathbf{8.2.}$