Answer on Question #81737 – Math – Quantitative Methods

Question

A sales girl gave a change of 1.15 to a customer instead of 1.25. Calculate her percentage error.

Solution

1) First find the error = $1.15 - 1.25 = -0.10$. Calculating the error for this problem ignore any minus sign. Thus, the error is 0.10.

2) Divide the error by the actual change and then convert that to a percentage

$$\frac{0.10}{1.25} * 100\% = 8\%$$

Answer: the percentage error is 8%.