## Error of Estimation

Let's estimate $8 \times 78$.
$78 \approx 80$ and $8 \times 80=640$.
The exact calculation gives us $8 \times 78=624$.
The difference between these two results is $640-624=16$. That is the error of estimation.

Let's estimate $6 \times \$ 4.35$.
$\$ 4.35 \approx 4.50$ and $6 \times 4.50=\$ 27$.
The exact calculation gives us $6 \times \$ 4.35=\$ 26.10$.
The difference between these two results is $\$ 27-\$ 26.10=\$ 0.90$. That is the error of estimation.

The error of estimation is the difference between the estimated result and the exact result. The error tells you how much "off" you were.

1. First estimate the products, then calculate the exact result, and then find the error of estimation.

