

Percent of Change

$$\frac{\text{new}}{\text{original}} = \frac{\%}{100}$$
 Note: Final result must represent the change from the baseline of 100%

To the **nearest tenth of a percent** what is the percent of change

1. New Price \$386
Original Price \$502

To the **nearest percent** what is the percent of change

2. New Price \$125
Original Price \$86

To the **nearest hundredth of a percent** what is the percent of change

3. New Price \$562
Original Price \$846

To the **nearest percent** what is the percent of change

4. New Price \$422

Original Price \$385

What is the final price to the **nearest cent**?

5. Chest Waders \$213.32

closeout discount 35%

student discount 8%

sales tax $7\frac{1}{2}\%$

What is the final price to the **nearest cent**?

6. Boots \$159.99

closeout discount 25%

student discount 5%

sales tax $3\frac{4}{5}\%$

What is the final price to the **nearest cent**?

7. Super Almond Pie \$15.32

Mark up 5%

Wednesday discount 23%

student discount 8%

sales tax $6\frac{3}{5}\%$