

Percent of Change

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

1. In 1994, one oz of gold was selling for \$324, today 1 oz of gold is selling \$1678. To the **nearest whole percent** what is the percent of change.
2. A tablet was selling for \$268 three weeks ago but today is on sale for \$187. To the **nearest tenth of a percent** what is the percent of change.
3. Last year Henry weighed 233 lbs, but after a long diet and change of routine now weighs 184 lbs. To the **nearest hundredth of a percent** what is the percent of change.
4. A certain Plasma TV cost \$1499.99 a few years back. Today the TV is selling for \$847.74. To the **nearest tenth of a percent** what is the percent of change.
5. In March of 2001, one oz of silver was selling for \$6, today 1 oz of silver is selling \$37. To the **nearest whole percent** what is the percent of change.
6. Before starting a new training program, Caitlynn could run the mile in 7.23 minutes. Now she is as fast as lightning with a time of 5.83 minutes. To the **nearest tenth of a percent** what is the percent of change.
7. Before Amelia told everyone about the secret fishing spot she could caught 25 fish in an hour. Now that everybody knows about the spot she can only caught 9 fish in an hour. To the **nearest hundredth of a percent** what is the percent of change.
8. When Billy first started lifting weights he could bench 160 lbs, but after months of dedication and hard work he can now bench 225 lbs. To the **nearest whole percent** what is the percent of change.

Final Purchase Price

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

9. A Pretty Pink Dress \$180.32
closeout discount 70%
student discount 11%
sales tax $6\frac{2}{3}\%$

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

10.	Case for MP3	\$59.99
	closeout discount	32%
	student discount	6%
	sales tax	$6\frac{4}{5}\%$

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

11.	Fishing Reel	\$189.99
	Mark up	7%
	Spring discount	20%
	Coupon	10%
	sales tax	$7\frac{1}{4}\%$

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

12.	Table Saw	\$289.99
	Mark up	3.5%
	Loyal Customer Discount	20%
	Coupon	4%
	sales tax	$5\frac{3}{8}\%$

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

13.	Calculator	\$239.99
	closeout discount	28%
	sales tax	$8\frac{1}{2}\%$

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

14.	HeadPhones	\$69.99
	closeout discount	40%
	sales tax	6%

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

15.	Radio Control Gas toy Helicopter For Sasquatch hunting with the special infrared camera. (Black and Purple color with night time neon orange lights)	\$1489.99
	Mark up	8%
	Sasquatch Hunter Discount	26%
	Coupon	9%
	sales tax	$5\frac{7}{8}\%$