

Name: _____ Period: _____ Date: _____

Change Expressed as a Percent Assignment

Find the percent change in each question. Also tell whether there is a percent increase or decrease. Round to the nearest percent.

**1. Original: 26
New Amount: 18**

**2. Original: 48
New Amount: 72**

**3. Original: 95
New Amount: 90**

**4. Original: 45
New Amount: 60**

Adams bought a suit from a shop for 35\$. Jack found the same suit on another shop for 29\$. What is the percent decrease to the nearest percent?

Percent decrease = _____

The sale price of a smart phone was 150\$ when it was launched. After its success, its sale price is now 200\$. What is the percent increase in the price to the nearest percent?

Percent decrease = _____

Name: _____ Period: _____ Date: _____

Change Expressed as a Percent Assignment

John estimated the height of a tree to be 45 ft. The actual height of the tree was 58 ft. Find the percent error in the estimation rounded to the nearest percent.

Percent Error = _____

A painter estimated that a wall is 20 ft. tall. The wall is actually 18 ft. What is the percent error in the estimation rounded to the nearest percent?

Percent Error = _____

The weight of a patient is 178 lb. to the nearest quarter pound. Find the maximum and minimum weight of the patient possible.

Minimum weight = _____

Maximum weight = _____

A paper sheet is cut 28 inches to the nearest half inches. Find the maximum and minimum length of the patient possible.

Minimum length = _____

Maximum length = _____

Change Expressed as a Percent Assignment

ANSWERS

Find the percent change in each question. Also tell whether there is a percent increase or decrease. Round to the nearest percent.

1. Original: 26
New Amount: 18

Percent Change = 31% , percent decrease

2. Original: 48
New Amount: 72

Percent Change = 50% , percent increase

3. Original: 95
New Amount: 90

Percent Change = 5% , percent decrease

4. Original: 45
New Amount: 60

Percent Change = 33% , percent increase

Adams bought a suit from a shop for 35\$. Jack found the same suit on another shop for 29\$. What is the percent decrease to the nearest percent?

Percent decrease = 17%

The sale price of a smart phone was 150\$ when it was launched. After its success, its sale price is now 200\$. What is the percent increase in the price to the nearest percent?

Percent increase = 33%

Change Expressed as a Percent Assignment

John estimated the height of a tree to be 45 ft. The actual height of the tree was 58 ft. Find the percent error in the estimation rounded to the nearest percent.

Percent Error = 22%

A painter estimated that a wall is 20 ft. tall. The wall is actually 18 ft. What is the percent error in the estimation rounded to the nearest percent?

Percent Error = 11%

The weight of a patient is 178 lb. to the nearest quarter pound. Find the maximum and minimum weight of the patient possible.

Minimum weight = 177.75 lb

Maximum weight = 178.25 lb

A paper sheet is cut 28 inches to the nearest half inches. Find the maximum and minimum length of the patient possible.

Minimum length = 27.75 inches

Maximum length = 28.25 inches