

Name _____

Period _____

Percent Increase and Decrease

Example 1:

Ann works in a supermarket for \$10.00 per hour. If her pay is increased to \$12.00, then what is her percent increase in pay?



Example 2:

The staff at a company went from 40 to 29 employees. What is the percent decrease in staff?

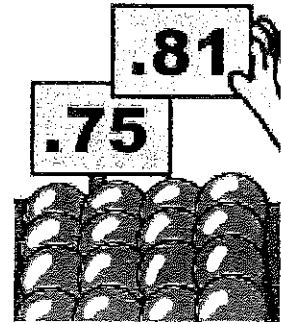


Example 3:

At a supermarket, a certain item has increased from 75 cents per pound to 81 cents per pound. What is the percent increase in the cost of the item?

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Example 4:

Four feet are cut from a 12-foot board. What is the percent decrease in length?



Summary:

Percent increase and percent decrease are measures of percent change, which is the extent to which something gains or loses value. Percent change is useful to help people understand changes in a value over time. The formula for finding percent change is: