

Markup is the percentage increase on a product's cost price to determine the selling price, while margin is the profit as a percentage of the selling price, representing the profit remaining after deducting the cost of goods sold.

Here's a more detailed breakdown:

Markup:

- **Definition:**
Markup is the amount added to the cost of a product to determine its selling price.
- **Calculation:**
Markup percentage is calculated by dividing the difference between the selling price and the cost price by the cost price, then multiplying by 100.
- **Formula:**
$$\text{Markup} = (\text{Selling Price} - \text{Cost Price}) / \text{Cost Price} * 100$$
- **Focus:**
Markup helps businesses determine the price they need to charge to cover costs and achieve a desired profit margin.

Margin:

- **Definition:**
Margin is the profit as a percentage of the selling price, representing the profit retained after deducting the cost of goods sold.
- **Calculation:**
Margin percentage is calculated by dividing the difference between the selling price and the cost of goods sold by the selling price, then multiplying by 100.
- **Formula:**
$$\text{Margin} = (\text{Selling Price} - \text{Cost of Goods Sold}) / \text{Selling Price} * 100$$
- **Focus:**
Margin indicates the profitability of a product or business, showing the percentage of each dollar of sales that translates into profit.

Key Differences:

Feature	Markup	Margin
Basis	Cost Price	Selling Price
Focus	How much to add to the cost	Profit as a percentage of the selling price
Calculation	$(\text{Selling Price} - \text{Cost Price}) / \text{Cost Price} * 100$	$(\text{Selling Price} - \text{Cost of Goods Sold}) / \text{Selling Price} * 100$
Use Cases	Pricing products, ensuring profitability	Evaluating financial health, comparing profitability