

# Margins Menu

<div style="border: 1px solid gray; border-radius: 15px; background-color: #0056b3; color: white; padding: 5px; margin-bottom: 5px;"> <b>Price</b> 11.04         </div> <div style="border: 1px solid gray; border-radius: 15px; background-color: #0056b3; color: white; padding: 5px;"> <b>Cost</b> 9.60         </div>	<div style="border: 1px solid gray; border-radius: 15px; background-color: #0056b3; color: white; padding: 5px; margin-bottom: 5px;"> <b>M%P</b> 13.04 %         </div> <div style="border: 1px solid gray; border-radius: 15px; background-color: #0056b3; color: white; padding: 5px;"> <b>M%C</b> 15.00 %         </div>
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This menu allows the calculation of Business Margins. Any of the four **Blue** variables can be calculated using one of the following formulas:

$$M\%C = (Price - Cost) \cdot 100 \div Cost$$

$$M\%P = (Price - Cost) \cdot 100 \div Price$$

<b>[ Price ]</b>	Stores or calculates the <b>Price</b> using the <b>M%C</b> or <b>M%P</b> formula depending If previous key was <b>M%C</b> or <b>M%P</b> .
<b>[ Cost ]</b>	Stores or calculates the <b>Cost</b> using the <b>M%C</b> or <b>M%P</b> formula depending If previous key was <b>M%C</b> or <b>M%P</b> .
<b>[ M%P ]</b>	Stores or calculates the Margin over Price of the item.
<b>[ M%C ]</b>	Stores or calculates the Margin over Price of the item.
If any other key is pressed before one of the <b>Blue</b> keys, the displayed number is stored in the corresponding variable. Otherwise, the variable is calculated.	

**Example:** The cost of an item is \$9.60, with a 15% of mark-up on cost calculate the sale price and the mark-up on price.

**Solution:** Follow the next sequence:

Keystrokes	Description
9.6 <b>[ Cost ]</b>	Stores the Cost of the item. <b>Cost = 9.60</b>
15 <b>[ M%C ]</b>	Stores the Mark-Up on cost. <b>M%C = 15.00%</b>
<b>[ Price ]</b>	Calculates the Price of the item. <b>Price = 11.04</b>
<b>[ M%P ]</b>	Calculates the Mark-Up on price. <b>M%P = 13.04%</b>