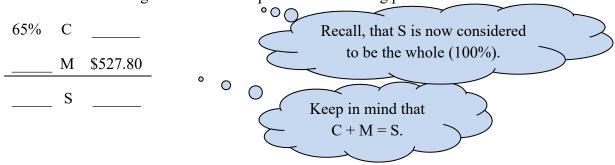
Business Mathematics
Class notes
Markup on Selling Price and Perishables (section 8.2)

Markup will be given as a percentage of the selling price, not cost.

Markup in these problems will be a percentage of the selling price, *not* cost. That means the "whole" in our percent formula (**Percent = Part / Whole**) will be the selling price. We will use the formula C + M = S as before but our handy little table will now look like the following.

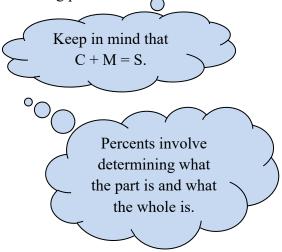


expl 1: Solve for the missing numbers. Markup is based on selling price.



expl 2: Given the cost and selling price of an item below, find the markup (dollar amount). Then calculate the percent markup on cost and the percent markup on selling price.

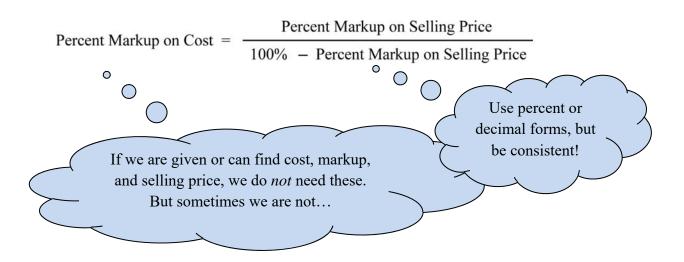
Cost: \$5.15 Selling price: \$15.45



Equivalent Markup Percentages on Cost and Selling Price:

We have these two formulas that will help us convert between "markup on cost" and "markup on selling price".

Percent Markup on Selling Price =
$$\frac{\text{Percent Markup on Cost}}{100\% + \text{Percent Markup on Cost}}$$



expl 3: Given the percent markup on cost, find the percent markup on some nearest tenth of a percent.	selling price. Round to the
Percent Markup on Cost: 50%	Which formula do we need?
Selling Price of Perishables:	
When it comes to perishables like fruit or bread, we must take into access will <i>not</i> be sold and yet we still need to make a certain profit. Experient of the product will be sold and how much will be wasted.	•
expl 4: The Pizza Shoppe makes and sells lots of pizzas, but finds that <i>not</i> sell. If they produce 100 pizzas at a cost of \$4.50 each and desire a selling price, find the selling price per pizza. Follow the steps outlined	a markup of 70% on
a.) Find the total cost of 100 pizzas.	
b.) Find the selling price (or revenue) they need to get for <i>all</i> of the piz yourself a CMS table like on page 1.	C
	M 100% S
c.) Now, we find the selling price <i>per pizza</i> . If they sold all 100 pizzas, this number (part b) by 100 and be done. But, alas, they have 8% wast from part b by the number of pizzas they think they will <i>actually</i> sell (we selling price they should charge for one pizza.	te. Divide the selling price