Combining Percents

Example - Percents are Being Applied at the Same Time

A \$15 CD (I know...who buys CDs these days?!?!) has 5% GST and 7% PST. Calculate:

Whaqenb; signs

GST stands for government sales tax. PST stands for provincial sales tax. Currently in MB, GST is 5% and PST is 7%.

a) Total tax 5 %. + 7 %. = 12 %. tax We now need to find 12 % of \$15.

12 15 = (1.80)

15 | 12 | 9. = (61.80

b) Total cost

Cost of CO + Total tax

\$ 15 + \$1.80 = (\$16.80)

Jenter it
in your
Calculator.
Let me know
if you're not
Sure how to
enter it in
yours ...
email me a pic

of your calculator.

how to

You have to figure out

Outcome:

N3 - Demonstrate an understanding of percents greater than or equal to 0%

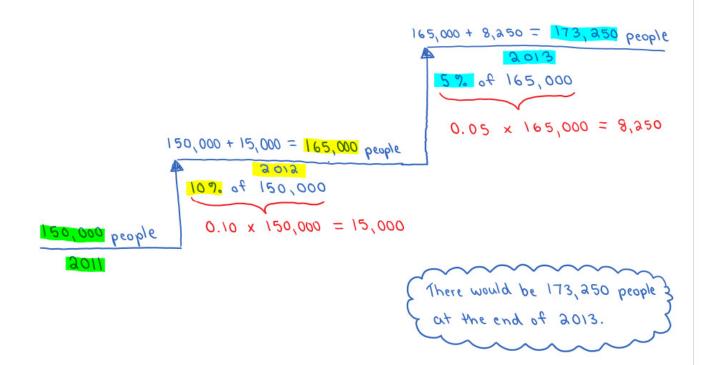
Example - Percents are NOT Being Applied at the Same Time

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In 2011, Langley population was 150,000 people.

In 2012, it increased by 10%.

In 2013, it increased by 5%.

How many people are there at the end of 2013?
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If percents are being applied at <u>different times</u> (like a discount on a discount) the percents <u>CANNOT</u> be <u>dembed</u>. In this case, drawing a "<u>step</u>" for each step is helpful.





Practice the following: Required - Page 148 # 4-7, 9, 10

Optional (challenge yourself!!!) - Page 149 #13, 14