	nts
"When can you add percents What are PST and GST?	or multiply percents
PST: Provincial Sales Tax.	The rates of taxes in British Columbia were:
GST: Goods and services tax.	GST: 5%
	PST: 7%
What is HST? Harmonized Sales Tax	HST: 12%
Marmonized Jales Tax,	
Example: A Coach Purse costs \$250. If there is 7% PST and the jacket after taxes?	d 5% GST, what is the cost of
Method 1: Finding the taxes separately	
$\frac{PST}{100} \times 250 = 17.50$	$\frac{GS7}{100} \times 250 = 12.50$
total = 17.50 + 12.50	+250 = 280
Method 2: Combining the percents together	
	$\frac{12}{100} \times 250 = 30$
* We can add % together.	total = 250 + 30 = \$280
Is there any other method?	
This is like having a 12% increase.	
This is like having a 12% increase.	0 = \$280
This is like having a 12% increase.	0 = \$280

When can you add percents together? When they are $\frac{9}{6}$ of the same $\frac{9}{6}$ eg 5% of 250

7% of 250 33

* you can also subtract percents when there is discounts or decreases.

Example:

Weeble Wobbles have a retail value of \$80. They are tagged as being 20% off. Today, as part of a one day promotion, everything is reduced by 10% of the sale

price. Find the final sale price.

20% of retail value

$$10\%$$
 of sale price.
① $\frac{20}{100} \times 80 = 16$
sale price= $80-16 = 64$
② $\frac{10}{100} \times 64 = 6.40$
final price= $64-6.40 = 57.60$

Sale price = 80% of retail.

final price = 90% of 80% of retail

= 90 × 80 × 80

= 57.60

Fran finds Weeble Wobbles on sale at another store. They have the same retail price, but are on sale for 30% off. Is this a better price?

this is a better price.

Why is a 20% discount followed by a 10% discount NOT the same as a 30% discount? a 20% discount followed 10% can not be added because they are not percents of the same number

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