

Name: _____

Date: _____

Learning Goal 3.2

I can calculate the percent of a number and combine percentages.

Example A new iPod costs \$90. If the GST is 5% and the PST is 7%, what is the final price?

1. Calculate Separately
2. Combining Percentages
3. Combining the Total and the Percentages

Example The PS4 costs \$300. Future Store offers a 15% off discount one day and then an additional 15% off the sale price the following day. Best Deal offers a one day only 30% discount.

- a. Which store is a better buy?
 1. Calculate Discount, then Sale Price, then Final Price
 2. Combining Percentages to get the Final Price
- b. What single percent discount is equivalent to a discount of 15% one day followed by an additional 15% off the sale price the next day?

To calculate the amount of increase or decrease

Example A population of 100 increases by 20%.

To calculate the final amount after an increase or decrease

Example A population of 100 increases by 20%.

Example A population of 100 decreases by 20%.

Example Gary sees two DVDs regularly priced at \$25 each that he wants to buy. Future Store is having a 20% off sale on everything in the store. If the GST is 5% and the PST is 7%, what is the final price?