

Topic : Discounts and Sale Prices

Goal : I can calculate how much money I save when items are listed for sale and I know how to calculate the new price of the item.

## Discounts and Sale Prices

Often items are placed on sale at a reduced price. When this happens, discounts are usually offered as a percentage of the original price. Sometimes they are offered as a fraction of the original price.

**Example 1.** The following ad was taken from the Canadian Tire web page. Calculate the sale price of the luggage set.

**Method 1** : Find how much you save and subtract it off of the the original price.

Discount = Original Price x Discount Rate

Sale Price = Original Price - Discount



**Method 2** : Calculate the percent that you pay, then use that to find the sale price.

Sale Price Rate = 100 - Discount Rate

Sale Price = Sale Price Rate x Original Amount

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Example 2. Calculate the sale price of the hockey bag if the original price was \$69.99.



Example 3. How much money you save if you buy this stool on sale? The original price was \$19.99



Example 4. Sometimes sales are given as a fraction. Calculate the sale price of the given computer.



\$728.99

In Stock

QTY:

[Add to cart](#)

[add to registry](#) | [add to wishlist](#)

Item #: 570 395 051 10

Discount = Regular price x fraction

Sale Price = Regular price - discount

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Example 5. Coke is on sale at Mac's on a buy one get one at half price deal. If the regular price for a bottle of coke is \$2.69, what is the price for two?