**Lesson 7**

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| Topic Goal: Discount  |

A discount is an amount you get off the original price. It is usually advertised as a percent.

The sale price would be the original price minus the discount amount.

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| Example(s):  |

1. What is the **discount** amount on an item that is 20% and has a regular price of $100.00

 $\frac{discount rate }{100 }$x cost of item

Discount amount =

 = $\frac{20}{100}$x $100.00

 = 0.20 x $100.00

 = $20.00

 = the discount on this item is $20.00

1. What is the sale price of an item that is 35% off and is originally $40.00

 $\frac{discount rate }{100 }$x cost of item

 Discount amount =

 = $\frac{35}{100}$x $40.00

 = 0.35 x $40.00

 = $14.00

**Regular price – Amount of discount**

 Sale price =

 = $40.00 - $14.00

 = $26.00

 Therefore the sales price of the item is $26.00

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|  Practice Questions:  |

1. Calculate the **amount of discount** for each of the follow items
2. 20% off a shirt that is $35
3. Regular price $15.99, discount 10%
4. 50% off a computer that has a regular price of $1099.99
5. Regular price $89.00, discount 45%
6. Calculate the **sale price** of each of the following items
	1. The sale price of a computer priced at $499.00 and 35% off
	2. The sale price of pants priced at $54.00 and 15% off
	3. The sale price of boots priced at $98 and 25% off
7. Copy and complete the table

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| --- | --- | --- | --- |
| **Price** | **Rate of Discount** | **Amount of Discount** | **Sale Price** |
| $240.00 | 20% |  |  |
| $87.65 | 13% |  |  |
| $48.45 | 35% |  |  |
| $107.67 | 50% |  |  |

1. The Communication Plus store is selling an IPhone for 10% off the regular price of $650.00. The Talk Some-more Store is selling the exact same phone for 20% off the regular price of $700.00. Which store has a better deal after tax?

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|  | Communication plus | Talk Some-more |
| Discount |  |  |
| Sales price |  |  |
| Tax |  |  |
| Final Price |  |  |

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|  Assessment:  |

1. A pair of pants has an original price of $53.00. It is 30% off
	1. What is the amount of discount?
	2. What is the sale price of the shirt?
	3. Calculate the total tax (HST = 13%)
	4. What is the final price of the pants after tax
	5. Can you afford the t-shirt with $60.00?
2. A television costs $352.50, but is on sale for 25% off. How much will the final price of the TV be after tax?
3. At the end of winter, a ski store reduces the original price of its ski’s by 20% off the first week, 30% off the second week, and 40% off the third week. Calculate the price of $255.00 skis, during each week.

**Week One**

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| **Price** | **Discount** | **New Price** |
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**Week Two**

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| **Price (from week one)** | **Discount** | **New Price** |
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**Week Three**

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| **Price (from week two)** | **Discount** | **New Price** |
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