Who Offers the Better Deal?

Discount: The amount saved and subtracted from the original price of an item to get the discounted price.

Example 1: In a video store, a DVD that **sells for $15** is marked, **"1/4 off"**.
What is the discount? What is the sale price of the DVD?

Solution: The discount rate is 1/4. Convert the rate to a decimal: $\frac{1}{4} = 0.25$

The discount is: 0.25 x $15.00 = $3.75

The sale price is calculated as follows: original price - discount

$15.00 - 3.75 = $11.25

Answer: The **discount is $3.75** and the **sale price is $11.25**.

Example 2: What is the total cost of the DVD, knowing that you will have to pay 13% HST

Solution: The price is $11.25.

Convert the HST to a decimal: $\frac{13\%}{100\%} = 0.13$

The discoun tHST is: 0.13 x $11.25 = $1.46

The total price is calculated as follows: sale price + HST

$11.25 + 1.46 = $12.71

Answer: The **HST is $1.46** and the **sale price total cost is $12.71**.

Who is offering the best deal on the Keurig K Express single serve coffee maker?

Superstore	Walmart	Canadian Tire
Keurig K Express Single Seve Regular Price: **$58.00** **+ no HST**	Keurig K Express Single Seve Regular Price: **$59.98** **+ 10 % discount**	Keurig K Express Single Seve Regular Price: **$69.99** **+ $\frac{1}{3}$ discount**

Questions	Superstore	Walmart	Canadian Tire
1. What would be the discount?			
2. What would be the discounted or sale price?			
3. What would be the HST on the purchase?			
4. How much money would spend?			
5. What store offers the better deal?	**Superstore**	**Walmart**	**Canadian Tire**

LIVEWORKSHEETS