

Cynthia purchases an order of 425 comic books for \$700.00. She plans to mark the price up by 90%. What will she charge her customers for one comic book?

**Unit Price:** 

## Selling Price:



Jonas needs to buy a new winter jacket. He has waited for a sale, and a jacket that originally cost  $\frac{9249.95}{10000}$  is now discounted  $\frac{20\%}{10000}$ . How much will the jacket cost?

#### This Way:

Focus...

How much is taken off?

@ Find the Discount (20%)

Discount = Cost x Discount

= \$49.95 X 0.30

= \$49.99

(1) Find the Sale Prio.

Sale Price = Gost - Discount = \$34995 - 449.99

= \$ 199 96

## That way:

Focus...

How much do you still have to pay?

100% - 20% = 80%

Sale Price = Cost × Discond = \$249.95 × 0.80 = \$199.96



Which of the following is the <u>best deal</u> for a new 1TB hard drive that regularly costs \$109.99 in Saskatchewan, where <u>GST</u> is 5% and <u>PST</u> is 5%? Which is <u>the worst?</u>



Sale Option	Discount
i	20% off
ii	85% of the regular price
iii	Dont pay the tax!
iv	1/4 off the regular price

	July of the	7 7
	i	20% off
	ii	85% of the regular price
	iii	Dont pay the tax!
	iv	1/4 off the regular price 25%
•	0 = \$87.99 R $0 = $22.00$	Sale "ii" ( 15%) $ \begin{array}{c} \text{Sale "ii" ( 15\% )} \\ \text{DISCOUNT} \\ \text{DISCOUNT} \\ \text{DISCOUNT} \\ \text{109.99 x 0.85 = $93.49} \end{array} $ $ \begin{array}{c} \text{109.99 x 0.85 = $93.49} \\ \text{93.49 x 1.05 = $7.70} \\ \text{97.70 x 1.05 = $102.59} \\ \text{P5T} \end{array} $
<u>Sale "iii" (</u> ☐	<u>No Tax )</u>	Sale "iv" (25%)  109.99 x 0.75 = \$82.49 $\Rightarrow$ 82.49 x 1.05 = \$86.61  86.61 x 1.05 = \$90.94

Discount

Sale Option

## What percent did you pay?

Amount Paid
Total Amount(org.)

$$\frac{$76.49}{$89.99} = 0.85 \implies 85\%$$



\$89.99 Regular Price

#### What percent did you save?



\$89.99 Regular Price
-\$76.49 Sale Price

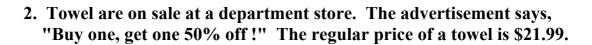
Amount saved
Total Amount(org.)

$$4 \frac{$13.50}{$89.99} = 0.15$$

**★ 15%** 

# You Try!

1. The cost of a new sledge hammer is \$42.99. It is on sale for \$32.24. What percent would you now have to pay?



- a) If you buy 4 towels, how much will it cost? (Don't include tax)
- b) What is the percent did you actually saved?



1. The cost of a new sledge hammer is \$42.99. It is on sale for \$32.24. What percent would you now have to pay?

Amount Paid
Total Amount(org.)

2. Towels are on sale at a department store. The advertisement says, "Buy one, get one 50% off!" The regular price of a towel is \$21.99



- a) If you buy 4 towels, how much will it cost? (Don't include tax)
- b) What is the percent you actually saved?

#### **Regular Price Paid**

$$\Rightarrow$$
 21.99 x 4 = \$87.96

Sale on 2nd Towel 50% off 
$$100\% - 50\% = 50\%$$
  
21.99 x 0.50 = \$11.00

#### **Total Price Paid**

$$\begin{array}{r}
21.99 \\
+ 11.00 \\
21.99 \\
11.00
\end{array}$$

$$= $65.98$$

<u>Amount saved</u>
Total Amount(org.)

$$\frac{21.98}{87.96} = 25\%$$
 saved



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