

Warmup

1. Write 35% as a decimal number.

2. Multiply $\$24.85 \times 0.30$
(Round the answer to the nearest cent.)

3. Subtract $56.42 - 8.31$

4. $\$75 - 99\text{¢}$

5. Write 4.5% as a decimal

6.

Percent	Fraction	Decimal
100		
50		
25		
20		
10		

- I. Discount
- II. Sales Price
- III. Sales Tax

Homeschool



Honor Roll

Learn ~ Persevere ~ Succeed

Pre-Algebra and Geometry I

Wendy Harper

www.HsHonorRoll.com

I. Discount

Discount is the amount of money taken off the regular price.

Large Pie
Regular Price \$9



Today Only
\$2 off

This Week's Special
Buy 1 Get 1 Free

Colored Pencils
Regular Price \$1.50 a box



Summer-Sale
25% off



\$8.00
Rainbow Umbrellas

7. The tennis racket you want to purchase usually sells for \$125. How much is the discount with the current sale?



8. The local department store has a clearance sale of 90% off for backpacks. What is the discount for a \$65.99 backpack?



II. Sales Price

Sales Price is the reduced price paid for an item or items.

$$\text{Sale Price} = \text{Item price} - \text{discount}$$

How much is a large pizza today?

Large Pie
Regular Price \$9

Today Only
\$2 off

What is the sale price for 1 box of colored pencils? _____
What is the sale price for 2 boxes of colored pencils? _____



This Week's Special
Buy 1 Get 1 Free
Colored Pencils
Regular Price \$1.50 a box

What is the sale price for the umbrella?

Summer-Sale
25% off



\$8.00
Rainbow Umbrellas

To Calculate Sales Price

Write the percent as a decimal.

To change percent to a decimal number move the decimal point 2 places to the left.

Calculate the Discount

Multiply the item price by the percent (in decimal form)

Calculate the Sale Price

$$\text{Sale Price} = \text{Item price} - \text{discount}$$



\$26

Red Desk Chairs

Back-to-School Sale

20% off

What is the sale price for a \$26 red desk chair during the back-to-school sale?

What is the sale price for a \$5.95 calculator that is 15% off?



9. Water Bottles are on sale 30% off. Find the Sale price of a \$40 water bottle.

10. The local department store has a clearance sale of 90% off for backpacks. What is the sale price of a \$29.99 backpack?



III. Sales Tax

Sales Tax is the amount of money added to the purchase. The tax is collected at the time of the purchase and sent to the government.

Total Price = Cost of the item + Amount of Tax

* Some items are exempt from tax.

A puzzle cost \$10. How much does the puzzle cost after adding 5% tax?

What is the total cost of the tuxedo when tax is 8%?

Spring Clearance
20% off



\$250
Tuxedo

11. A shirt costs \$35. How much does the shirt cost with 7.8% tax?

12. A sweater costs \$10.79. How much does the sweater cost with 4.4% tax?





