## What's on Sale? <br> Calculated Sale Price Guided Practice

Two formulas to calculate the new sale price

> A. Price - (Price $\times$ Discount $)=$ Sale Price B. $(1-$ Discount $) \times$ Price $=$ Sale Price

## Example 1

A notebook costs $\$ 2.00$. The school store is offering a $25 \%$ discount. What is the new sale price of the notebook?
A. $\$ 2.00-(\$ 2.00 \times .25)=\$ 2.00-\$ .50=\$ 1.50$
B. $(1-.25) \times \$ 2.00=.75 \times \$ 2.00=1.50$

## Example 2:

A backpack cost $\$ 10.75$. The item is now on sale for $10 \%$ off. What is the new sale price of the backpack?
A. $\$ 10.75-(\$ 10.75 \times .10)=\$ 10.75-\$ 1.075^{*}=\$ 10.75-\$ 1.08=$ \$9.67
(* round \$1.075 to \$1.08)
B. $(1-.10) \times \$ 10.75=.90 \times \$ 10.75=\$ 9.675$ or $\$ 9.68^{*}$ Due to rounding your answers may vary by a penny using one method versus the other.

Example 3:
A can of tennis balls costs $\$ 1.98$. The sporting goods store has them on sale for $50 \%$ off. What is the new sale price of a can of tennis balls?
A. $\$ 1.98-(\$ 1.98 \times .50)=\$ 1.98-\$ .99=\$ .99$
B. $(1-.50) \times \$ 1.98=\$ .99$

