

Calculating Discounts

Jan 12, 2024

Steps:

1) % into decimal

↳ Dividing by 100%

2) Multiply the decimal by the original price (Discount)

3) Subtract the discount from the original price (Sale Price)

* Reminder: Dollar values go to two decimal places

Example: \$4.5
= \$4.50

Example: 30% off of \$55.00

$$\frac{30\%}{100\%} = 0.3$$

$$\begin{aligned} 0.3 \times \$55.00 \\ = \$16.5 \\ = \$16.50 \\ \text{Discount} \end{aligned}$$

$$\begin{aligned} \text{Original - Discount} \\ \$55.00 - \$16.50 \\ = \$38.50 \\ \text{Sale Price} \end{aligned}$$

Try: 15% off of \$127.25

$$\frac{15\%}{100\%} = 0.15$$

$$\begin{aligned} 0.15 \times \$127.25 \\ = 19.0875 \\ = \$19.09 \end{aligned}$$

$$\begin{aligned} \$127.25 - 19.09 \\ = \$108.16 \end{aligned}$$