

$$\text{Reg} \Rightarrow 189.99$$

$$\text{Sale} \Rightarrow 109.99$$

$$\begin{aligned} \text{Diff} &= \text{Big} - \text{Small} \\ &= 189.99 - 109.99 \\ &= \$80 \end{aligned}$$

$$\frac{80}{189.99} \times 100$$

$$0.42 \times 100$$

$$42\%$$

$$\begin{aligned} \text{Tax} &= 15\% \text{ of } 109.99 \\ &= 0.15 \times 109.99 \\ &= \$16.50 \end{aligned}$$

$$\begin{aligned} \text{Cost w tax} &= 109.99 + 16.50 \\ &= \$126.49 \end{aligned}$$

Bike \rightarrow \$12000

$$\begin{aligned}\text{Tax} &= 15\% \text{ of Cost} \\ &= 0.15 \times 12000 \\ &= 1800\end{aligned}$$

$$\begin{aligned}\text{Cost w tax} &= 12000 + 1800 \\ &= \$13800\end{aligned}$$

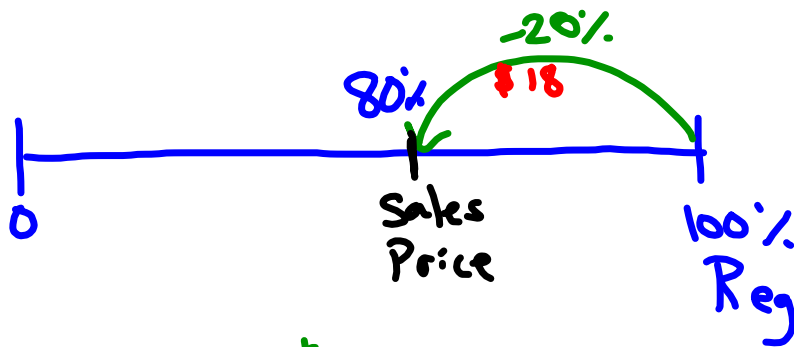
Make up \rightarrow \$ 54.74

Discount \rightarrow 30% off

$$\begin{aligned} \text{Save} &\Rightarrow 0.30 \times 54.74 \\ &= \$16.42 \end{aligned}$$

$$\begin{aligned} \text{New Price (Sale Price)} &= 54.74 - 16.42 \\ &= \$38.32 \end{aligned}$$

Sam want to know the regular price of a book if he saved \$18 and the book was reduced by 20%?



$$20\% \text{ of } R = \$18$$

$$0.20 R = 18$$

$$\div 0.2 \quad \div 0.2$$

$$R = \$90$$

Grace wants to know the Regular price of an item that is on sale for 30% off and is now \$56.



$$70\% \text{ of } R = \$56$$

$$0.70 R = 56$$

$$\div 0.7 \quad \div 0.7$$

$$R = \$80$$