Sales Tax:

The amount of sales tax is a percentage of the purchase price.

$$(\ \% \ ) \cdot (\text{Total}) = (\text{Portion})$$

$$(\quad) \cdot (\qquad) = \left(\begin{array}{c} \text{Amount of} \\ \text{Sales Tax} \end{array} \right)$$

$$\left(\begin{array}{c} \text{Amount of} \\ \text{Sales Tax} \end{array} \right) = (\quad) \cdot (\qquad)$$
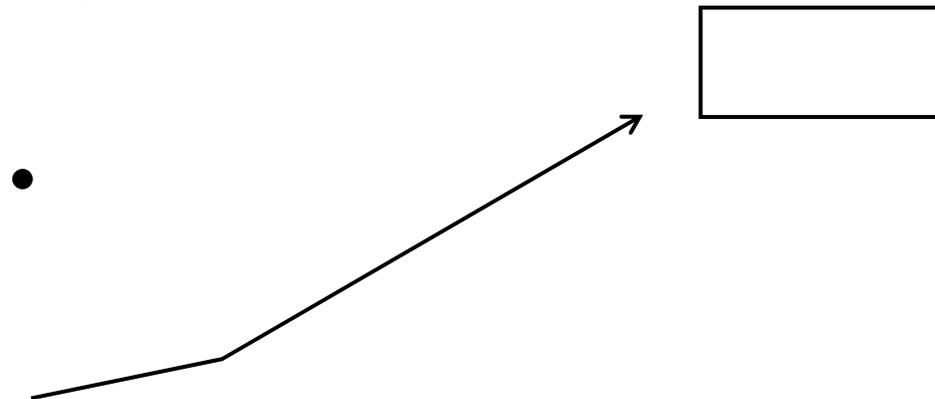
The <u>amount of sales tax</u> <u>is</u> <u>a percentage</u> <u>of</u> the <u>purchase price</u>.

A person purchases a television for $749.99. The sales tax rate is 8.25%. What is the sales tax amount?

$$\left(\begin{array}{c}\text{Amount of}\\\text{Sales Tax}\end{array}\right) = \left(\begin{array}{c}\%\\\text{Tax}\end{array}\right) \bullet \left(\begin{array}{c}\text{Purchase}\\\text{Price}\end{array}\right)$$
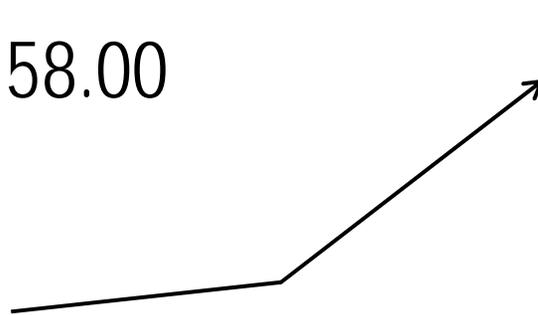
X $= 0.$ $\bullet$

X $=$

The total price paid for a refrigerator was $1,244.85. The price tag indicates a purchase price of $1,158.00. What is the sales tax rate?

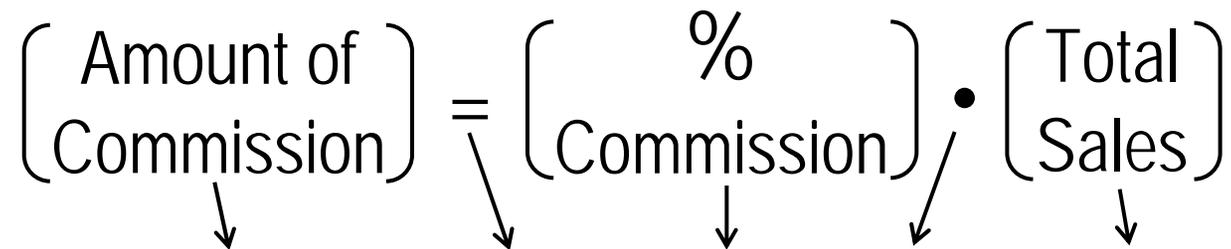$$\begin{pmatrix} \text{Amount of} \\ \text{Sales Tax} \end{pmatrix} = \begin{pmatrix} \% \\ \text{Tax} \end{pmatrix} \cdot \begin{pmatrix} \text{Purchase} \\ \text{Price} \end{pmatrix}$$

$$ = \cdot \ 1{,}158.00$$

$$ =$$

$$\begin{array}{r} 1\,2\,4\,4\,.8\,5 \\ -\ 1\,1\,5\,8\,.0\,0 \\ \hline 8\,6\,.8\,5 \\ \text{Sales Tax} \end{array}$$

$$0. \qquad = \ X$$

$$\begin{pmatrix} \text{Amount of} \\ \text{Commission} \end{pmatrix} = \begin{pmatrix} \% \\ \text{Commission} \end{pmatrix} \cdot \begin{pmatrix} \text{Total} \\ \text{Sales} \end{pmatrix}$$

The <u>amount of commission</u> <u>is</u> a <u>percentage</u> <u>of</u> the <u>total sales</u>.

A sales person sells $3,512.23 worth of furniture in one week. Her commission rate is 18%. How much commission did she earn?

$$\left(\begin{array}{c} \text{Amount of} \\ \text{Commission} \end{array}\right) = \left(\begin{array}{c} \% \\ \text{Commission} \end{array}\right) \cdot \left(\begin{array}{c} \text{Total} \\ \text{Sales} \end{array}\right)$$
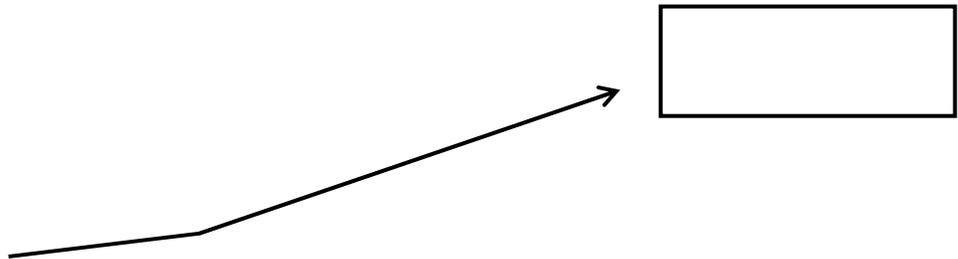
X   =   •

X =   •

X =

A sales clerk has a certain commission rate. A recent paycheck showed the amount of commission earned was $985.23. The total sales for the clerk during this pay period was $6,568.20. What is the commission rate?

$$\left(\begin{matrix} \text{Amount of} \\ \text{Commission} \end{matrix} \right) = \left(\begin{matrix} \% \\ \text{Commission} \end{matrix} \right) \bullet \left(\begin{matrix} \text{Total} \\ \text{Sales} \end{matrix} \right)$$

$$985.23 = \qquad \bullet$$

$$0.\underline{\quad} = X$$

$$985.23 =$$