

Chapter 2 Percents

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3. \$1,500 computer, 7% tax

$$100\% + 7\% = 107\%$$

Add the percent of tax to 100%.

The total cost is 107% of the regular price.

$$107\% \text{ of } \$1,500 = 1.07 \times 1,500$$

Write 107% as a decimal.

$$= \$1,605$$

Multiply.

The total cost of the computer is \$1,605.

5. Combine the tax and the tip before calculating the total price.

$$0.0625 + 0.20 = 0.2625.$$

Multiply the tax and tip by the price of the bill to find the tax and tip.

$$\$28.35 \times 0.2625 = \$7.44.$$

Add the tax and tip to bill.

$$\$28.35 + \$7.44 = \$35.79$$