



Name

Score

Solve and show all steps.

<p>A class has 40 students. If 60% of the students are girls, how many girls are in the class?</p>	<p>A toy car originally costs \$25. It is on sale for 20% off. How much is the discount in dollars?</p>
<p>24 students in a school band play the trumpet. If this represents 30% of all the students in the band, how many students are in the band total?</p>	<p>In a survey of 200 people, 150 said they prefer chocolate ice cream over vanilla. What percentage of the people surveyed prefer chocolate ice cream?</p>
<p>Sarah bought a new backpack for \$60. If the sales tax rate is 7%, what is the amount of sales tax she has to pay?</p>	<p>A small town's population was 8,000 residents last year. This year, the population increased by 15%. What is the new population of the town?</p>
<p>David's dinner bill at a restaurant was \$45. He wants to leave an 18% tip. How much money should he leave for the tip?</p>	<p>A pair of shoes is on sale for 30% off. If the sale price is \$42, what was the original (full) price of the shoes before the discount?</p>
<p>A vintage comic book was valued at \$150. Due to a change in demand, its value decreased by 10%. What is the comic book's new value?</p>	<p>A new video game costs \$50. It is on sale for 10% off. After the discount is applied, a 6% sales tax is added to the price. What is the final price of the video game?</p>



Solve and show all steps.

There are **24 girls** in the class.

The discount is **\$5.00**.

There are **80 students** in the band total.

75% of the people surveyed prefer chocolate ice cream.

The amount of sales tax is **\$4.20**.

The new population of the town is **9,200 people**.

David should leave a **\$8.10** tip.

The original price of the shoes was **\$60.00**.

The comic book's new value is **\$135.00**.

The final price of the video game is **\$47.70**.