

Percent Increase and Decrease

1. Enrollment in the school orchestra was 340 last year. This year, it dropped 15%.
- a. What is the enrollment this year? _____
 - b. If enrollment increases 15% next year, what will the enrollment be?
Round to the nearest whole number. _____

2. A backpack that normally sells for \$39 is on sale for 30% off. Find the amount of the sale price.
- _____

3. Last year, there were 400 students at Woodland Middle School. This year, the student population will increase by 5%. What will be the school's student population this year?
- _____

4. Use the information below to solve 4–6.

A clothing salesman sold 25 shirts his first day on the job and 45 shirts the second day.

What is the original number of shirts he sold?

How many more shirts did he sell the second day than the first day?

Write the fraction that shows the amount of change over the original amount. What is the percent of change? Is it a percent increase or percent decrease?