Name _____ Class _____ Date _____

# Practice 6-8

**Find each percent of change. State whether the change is an increase or a decrease.**

1. A $50 coat is put on sale for $35.

2. Mayelle earns $18,000 a year. After a raise, she earns $19,500.

3. Last year Anthony earned $24,000. After a brief lay-off this year, Anthony's income is $18,500.

4. In 1981, about $1.1 million was lost due to fires. In 1988, the loss was about $9.6 million.

5. In a recent year, certain colleges and universities received about $268 million in aid. Ten years later, they received about $94 million.

6. A coat regularly costing $125 is put on sale for $75.

7. Suppose that at a job interview, you are told that you would receive a 10% increase in your salary at the end of each of the first three years. How much would your starting salary have changed at the end of the third year?

8. Four years ago there were 35 students in the school band. Since then 12 students have joined the band.

9. Complete the table.

### Enrollment in Center City Schools From 1995 to 2000

| Year | Enrollment | Change from Last Year (Number of Students) | Change from Last Year (%) | Increase or Decrease |
|------|-----------|--------------------------------------------|---------------------------|----------------------|
| 1995 | 18,500 | — | — | — |
| 1996 | 19,300 | | | |
| 1997 | 19,700 | | | |
| 1998 | 19,500 | | | |
| 1999 | 19,870 | | | |
| 2000 | 19,200 | | | |