



### 3.5 Practice

*Find the percent increase or decrease*

1. from \$50 to \$67

2. from 45 in to 18 in

3. from 80 cm to 55 cm

4. from \$228 to \$251

5. from 68 min to 51 min

6. from 365 ft to 421 ft

7. In 2000, there were 356 endangered species in the U.S. a year later, 367 species were endangered. What was the percent increase?

8. 36 DVD's are added to a DVD collection that has 24 DVD's. What is the percent of increase?

9. This week 878 people went swimming at the Taylorsville pool. Last week, 1,052 people were at the pool. The number of people who went to the pool fell by what percent?

10. A math class is raising money for a field trip at the end of the year. The class began the year with \$1,000. Now you have \$1,250. What is the percent increase?

11. The class figures out if there was a percent increase of 75% from the beginning of the year they will have enough money. How much money will they need?

12. Original quantity is 14 new, quantity is 22. Is this an increase or decrease? Estimate the percent of change.

13. Last year, the Math Club had 14 members. This year there are 25 members in the club. What is the best estimate for the percent change in the number of club members?

### Review

14. Find 12% of 72

15. 9 is what percent of 25?

16. 48 is 64% of what number?

