

Lesson 4 Homework Practice

The Percent Equation **2**

Write an equation for each problem. Then solve. Round to the nearest tenth if necessary.

1. What number is 27% of 52?
2. Find 41% of 48.
3. What percent of 88 is 33?
4. 8 is what percent of 18?
5. What number is 33% of 360?
6. What percent of 62 is 58?
7. 55 is what percent of 100?
8. 22% of what number is 24.2?
9. 19 is 50% of what number?
10. 25 is 32% of what number?
11. 40% of what number is 28?
12. 30 is what percent of 60?
13. **BASEBALL** A baseball player was at bat 473 times during the regular season. If he made a hit 31.5% of the times he was at bat, how many hits did he make during the regular season? Round to the nearest whole number if necessary.

14. **ANALYZE GRAPHS** Use the graph shown. The total enrollment at Central High School is 798 students.

- a. About what percent of the students at Central High are freshmen? Round to the nearest tenth if necessary.
- b. About what percent of the students at Central High are seniors? Round to the nearest tenth if necessary.

