NAME DATE PERIOD

Extra Practice
Estimate the Percent of a Number

For Exercises 1–20, estimate each percent. Show your estimation. (Examples 1 and 2)

1. 31% of 72 ≈ _____ **2.** 24% of 102 ≈ _____ **3.** 61% of 197 ≈ _____

4. 14% of 163 ≈ _____ **5.** 46% of 196 ≈ _____ **6.** 11% of 77 ≈ _____

7. 49% of 11 ≈ _____ **8.** 72% of 195 ≈ _____ **9.** 19% of 22 ≈ _____

10. 89% of 202 ≈ _____ **11.** 46% of 79 ≈ _____ **12.** 99% of 81 ≈ _____

13. Fransisco wants to buy a pair of sneakers. The sneakers cost $81 before tax. The sales tax is 7.88%. About how much sales tax will Fransisco pay for the pair of sneakers?

14. There is a total of 704 students at a middle school. If 39% of the students purchased a ticket to the winter dance, about how many students purchased tickets to the dance?

15. During one year, a baseball team had a winning record of 56% over a total of 48 games. About how many games did the team win?

16. Estefania is saving for summer camp. The cost of the camp is $317. Her parents want Estefania to pay for 33% of the camp. About how much money does Estefania need to pay?

LIVEWORKSHEETS

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17. On average, the city of Seattle has rain on approximately 42% of the days in a year. Given that there are 365 days in a year, approximately how many days a year does Seattle have rain?

18. Zion is selling ads for his baseball team's program. He sells 37 ads, of which about 24% are for half-pages. About how many ads are for half-pages?

19. The table shows the foreign-language enrollment percentages for O'Connor Middle School. There are 485 students taking a foreign language. About how many students are enrolled in Spanish?

Language	Percent of Students
French	33%
Latin	10%
Spanish	48%
German	9%

20. The table shows the grade-level enrollment percentages for Liberty Middle School. There are 805 students enrolled. About how many students are in eighth grade?

Grade Level	Percent of Students
Sixth grade	35%
Seventh grade	37%
Eighth grade	28%

LIVEWORKSHEETS