

Fractions in Simplest Form

PS 7-10

Student Survey In 2002, a national survey of students was conducted in the United States. The students responded to many different questions, including the color of their favorite school uniform, as well as questions about the United States.

1. Out of every 100 students, about 16 said they thought the U.S. government was doing enough to protect the environment. What is the greatest common factor of 16 and 100? _____

2. What is $\frac{16}{100}$ in simplest form? _____

3. Out of every 100 students, about 84 said they thought the U.S. government was not doing enough to protect the environment. What is the greatest common factor of 84 and 100? _____

4. What is $\frac{84}{100}$ in simplest form? _____

5. Of the students who said they thought the U.S. government was doing enough, about 36 out of every 100 students was a girl. What is $\frac{36}{100}$ in simplest form? _____

6. Of the students who said they thought the U.S. government was doing enough, about 64 out of every 100 students was a boy. What is $\frac{64}{100}$ in simplest form? _____

7. **Writing in Math** Explain how you know $\frac{11}{13}$ is in simplest form.
