

1-3 • Guided Problem Solving

GPS Student Page 17, Exercise 43:

Artists use a ratio called the Golden Mean to describe a person's height. Your height from the floor to your waist is usually six hundred eighteen thousandths of your total height. Round this number to the nearest hundredth.

Understand

1. Is the number more or less than 1? Explain.

2. The word *thousandths* represents how many decimal places to the right of the decimal point?

Plan and Carry Out

3. Write six hundred eighteen thousandths in standard form.

4. What digit is in the hundredths place?

5. What digit is to the right of the hundredths place?

6. Based on the number above, should you round up or down?

7. Round this number to the nearest hundredth.

Check

8. Did you round up or down? Why?

Solve Another Problem

9. Liz has a height of five feet and two and forty-five hundredths of an inch. Round Liz's height to the nearest inch.
