MY Homework

Homework Helper

eHelp

Need help? connectED.mcgraw-hill.com

Mr. Benavides bakes muffins that have a mass of about 50,000 milligrams. What is the mass in grams?

Convert 50,000 milligrams to grams.

Since 1,000 milligrams = 1 gram, divide 50,000 by 1,000.

So, 50,000 milligrams = 50 grams.

The muffins have a mass of about 50 grams.

Practice

Complete.

1. 7,000 mg = _____ g

2. 4.7 kg = _____ g

3. 18,500 g = _____ kg

4. 8.3 kg = _____ g

5. 22 g = _____ mg

6. 135,000 mg = _____ kg

Real World Problem Solving

7. One highlighter has a mass of 11 grams. Another highlighter has a mass of 10,800 milligrams. Which highlighter has the greater mass?

_____

8. Mathematical **PRACTICE** 6 **Be Precise** One computer has a mass of 0.8 kilogram and another has a mass of 800 grams. Compare the masses of the computers. Use >, <, or = to make a true statement.

_____

Vocabulary Check

Fill in the correct circle that corresponds to the best answer.

9. Which of the following is not a common unit of measurement for the metric system?

Ⓐ milligram   Ⓒ gram

Ⓑ kilogram   Ⓓ ounce

10. Which operation is necessary to convert a larger unit to a smaller unit?

Ⓕ addition   Ⓗ multiplication

Ⓖ subtraction   Ⓘ division

Test Practice

11. For a science experiment, Noel measured a piece of metal that has a mass of 3,500 grams. What is the mass of the metal in kilograms?

Ⓐ 0.35 kilogram   Ⓒ 35 kilograms

Ⓑ 3.5 kilograms   Ⓓ 350 kilograms