Unit 4 Module 2 Session 5
Math Forum-More Measurement Problems

Getting Ready-

- More Measurement Problems Student Book pages 124-125 (completed during Session 4)
- More Measurement Problems Forum Planner ™ T8 (with notes from Session 4)
- chart paper

Vocabulary

Gram (g)

Milliliter (ml)

Pan Balance scale

Kilogram (kg)

- Solve two-step story problems using addition, subtraction, and/or multiplication
- Solve story problems involving subtraction of volume measurements given in liters
- Solve story problems involving addition of time intervals in minutes
- Solve story problems involving addition, subtraction, or multiplication of mass measurements given in grams
- Use constructive criticism when reasoning with others

More Measurement Problems page 1 of 2

Solve the following problems. Show your thinking using words, numbers, or sketches. Label your answers with the correct units.

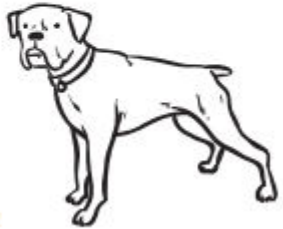
1 There were 5 lizards sitting on one side of a pan balance scale. Together, the lizards had a mass of 234 grams. One lizard with a mass of 25 grams got off the balance and a different lizard with a mass of 43 grams got on. Now, how much mass do the 5 lizards on the balance have?

The 5 lizards on the pan balance scale have a mass of _____.

2 There are 4 puppies and each puppy has a mass of about 3 kilograms. The mother dog has a mass that is 5 times as much as one of her puppies. How much mass do all 5 dogs—the 4 puppies and their mother—have together?

The 5 dogs together have a mass of _____.

3 The dog's water dish had 23 milliliters of water. The owner added water so that there was 4 times that amount. The dog drank 39 milliliters of that water. How much water was left in the dish?



There was _____ of water left in the dish.

4 Abby is four times taller than her dog, Gabi. Gabi is 51 centimeters tall. How tall is Abby when she is wearing shoes that are 6 centimeters tall?

Abby is _____ tall.

5 Use the number line provided to model and solve each of these problems.

a The Math Club started baking at 3:35 p.m. and baked for 3 hours and 30 minutes. What time did they finish?

The Math Club finished baking at _____.

b The Math Club started setting up for the bake sale the next day at 11:45 a.m. They were ready to start the bake sale at 1:30 p.m. How long did it take them to set up?

It took the Math Club _____ to set up.

Work Places

3B Add & Round Tens

3C Round Ball Hundreds

3D Round & Add Hundreds

4A Tic-Tac-Tock

4B Measurement Scavenger Hunt

4C Target One Thousand

Daily Practice

SB 127 Arnie Orangutan