More Measurement Problems

Module 2
Session 4

Today's Activities

- Share our work in a math forum

- Work in pairs to solve more measurement problems that feature a different kind of challenge.

Bird Measurement Problems Math Forum

- Review the work you completed last time for our Bird Measurement Problems

- I will call on a few different students to present their work by explaining which model they used and how it helped them to solve the problem

  - Student 1…

  - Student 2…

  - Student 3…

  - Student 4…

  - Student 5...

More Measurement Problems – pages 124 and 125

- You will continue to solve problems by thinking about which operations and models to use

- What is different about these problems?

- Let's read problem 3 aloud
  - What is it asking?
  - What do you need to figure out to be able to answer the question?

- Work with your partner to complete these story problems

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.

Closing

- What are some of the things that are the most challenging about two step story problems?

- What are some of the things you can do to understand and solve problems that involve more than one step?

- We will share our work in another math forum next session.

Home Connection

Grasshopper Math
Pages 69 and 70

Optional

Complete Millie Millipede on page 126 in your student book.