Name _____

Date _____

1. Cathy collects the following information about her dogs, Stella and Oliver.

Stella		Oliver	
Time Spent Getting a Bath	Weight	Time Spent Getting a Bath	Weight
36 minutes	32 kg	25 minutes	7 kg

Use the information in the charts to answer the questions below.

- a. Estimate the total weight of Stella and Oliver.
- b. What is the actual total weight of Stella and Oliver?
- c. Estimate the total amount of time Cathy spends giving her dogs a bath.
- d. What is the actual total time Cathy spends giving her dogs a bath?
- e. Explain how estimating helps you check the reasonableness of your answers.



- 2. Dena reads for 361 minutes during Week 1 of her school's two-week long Read-A-Thon. She reads for 212 minutes during Week 2 of the Read-A-Thon.
 - a. Estimate the total amount of time Dena reads during the Read-A-Thon by rounding.

b. Estimate the total amount of time Dena reads during the Read-A-Thon by rounding in a different way.

c. Calculate the actual number of minutes that Dena reads during the Read-A-Thon. Which method of rounding was more precise? Why?

