

Name _____

Date _____

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

Stella	
<i>Time Spent Getting a Bath</i>	<i>Weight</i>
36 minutes	32 kg

Oliver	
<i>Time Spent Getting a Bath</i>	<i>Weight</i>
25 minutes	7 kg

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

- Estimate the total weight of Stella and Oliver.
- What is the total weight of Stella and Oliver?
- Estimate the total amount of time Cathy spends giving her dogs a bath.
- What is the actual total time Cathy spends giving her dogs a bath?
- 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?