Name		Date	
1.		Zachary's final project for a college course took a semester to write and had 95,234 words. Zachary v 85,295 words the first month and 19,240 words the second month.	
	a.	Round each value to the nearest ten thousand to estimate how many words Zachary wrote during the remaining part of the semester.	
	b.	Find the exact number of words written during the remaining part of the semester.	



Lesson 16:

c. Use your answer from (a) to explain why your answer in (b) is reasonable.

Solve two-step word problems using the standard subtraction algorithm fluently modeled with tape diagrams, and assess the reasonableness of answers using rounding.



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- 2. During the first quarter of the year, 351,875 people downloaded an app for their smartphones. During the second quarter of the year, 101,949 fewer people downloaded the app than during the first quarter. How many downloads occurred during the two quarters of the year?
 - a. Round each number to the nearest hundred thousand to estimate how many downloads occurred during the first two quarters of the year.

b. Determine exactly how many downloads occurred during the first two quarters of the year.

c. Determine if your answer is reasonable. Explain.



Lesson 16:

Solve two-step word problems using the standard subtraction algorithm fluently modeled with tape diagrams, and assess the reasonableness of answers using rounding.



3. A local store was having a two-week Back to School sale. They started the sale with 36,390 notebooks. During the first week of the sale, 7,424 notebooks were sold. During the second week of the sale, 8,967 notebooks were sold. How many notebooks were left at the end of the two weeks? Is your answer reasonable?



Lesson 16:

Solve two-step word problems using the standard subtraction algorithm fluently modeled with tape diagrams, and assess the reasonableness of answers using rounding.

