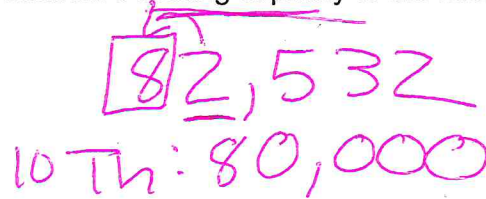
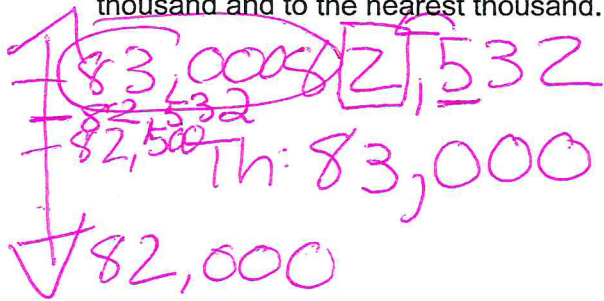


Study Guide Part 3

8. The football stadium at Michigan State University (MSU) has a seating capacity of 82,532.

c. Draw two separate number lines to round the MSU stadium's seating capacity to the nearest ten thousand and to the nearest thousand.



d. Compare the stadium's seating rounded to the nearest ten thousand and the seating rounded to the nearest thousand using $>$, $<$, or $=$.

$$83,000 > 80,000$$

e. Which estimate (rounding to the nearest ten thousand or nearest thousand) is more accurate? Use words and numbers to explain.

I would round to the nearest thousand because if the number 82,532 and you round to the ten thousand then 2,532 people would be left out.

I would round to the nearest thousands to be more accurate because it is closer to the real number of 82,532.