Name: .... Class: ....

Estimate sums and differences: word problems

a. Yesterday, Peter went for a drive and drove for 177 miles. Today he drove for 338 miles. About how many miles did Peter drive in all? (Round to the nearest hundred)

b. Larry and his brother John, both collect marbles. So far, John has collected 78, 920 marbles while Larry has collected 69, 200 marbles. About how many marbles has John collected more than Larry? (Round to the nearest ten - thousand)

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Estimate sums and differences: word problems

a. Yesterday, Peter went for a drive and drove for 177 miles. Today he drove for 338 miles. About how many miles did Peter drive in all? (Round to the nearest hundred)

Let's first of all write down the given information
  Miles Peter drove yesterday = 177 miles
  Miles he drove today = 338 miles
  Miles driven in all = (177 + 338) miles.
Secondly, let's round each number to the nearest hundred,
then add to find the estimate ;
177 ⟶ 200 | Finally, we use the rounded numbers to find the solution ;
338 ⟶ 300 | 300 + 200 = 500

> So, Peter drove about 500 miles in all. Or an estimate of 500 miles in all.

b. Larry and his brother John, both collect marbles. So far, John has collected 78, 920 marbles while Larry has collected 69, 200 marbles. About how many marbles has John collected more than Larry? (Round to the nearest ten - thousand)

Let's first of all write down the given information.
  Number of marbles Larry has collected = 69, 200 marbles
  Number of marbles John has collected = 78, 920 marbles
  Number of marbers John has collected than Larry =
  78 920 - 69 200
Now, let's round each number to the nearest ten-thousand,
then subtract to find the estimate ;
78 920 ⟶ 80, 000 |
69, 200 ⟶ 70, 000 | 80 000 - 70 000 = 10 000

> So, John has collected about 10,000 marbles more than Larry.