

Name _____

Date _____

1. a. Find the actual differences either on paper or using mental math. Round each total and part to the nearest hundred and find the estimated differences.

A

$$448 - 153 = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$451 - 153 = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$448 - 149 = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$451 - 149 = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

Circle the estimated differences that are the closest to the actual differences.

B

$$747 - 261 = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$756 - 261 = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$747 - 249 = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$756 - 248 = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

Circle the estimated differences that are the closest to the actual differences.

- b. Look at the differences that gave the most precise estimates. Explain below what they have in common. You might use a number line to support your explanation.

2. Camden uses a total of 372 liters of gas in two months. He uses 184 liters of gas in the first month. How many liters of gas does he use in the second month?
- Estimate the amount of gas Camden uses in the second month by rounding each number as you think best.
 - How many liters of gas does Camden actually use in the second month? Model the problem with a tape diagram.

3. The weight of a pear, apple, and peach are shown to the right. The pear and apple together weigh 372 grams. How much does the peach weigh?
- Estimate the weight of the peach by rounding each number as you think best. Explain your choice.



- How much does the peach actually weigh? Model the problem with a tape diagram.