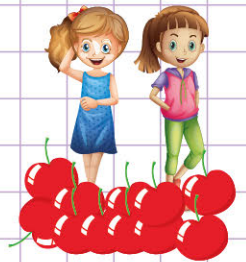


Name: ..... Class: .....

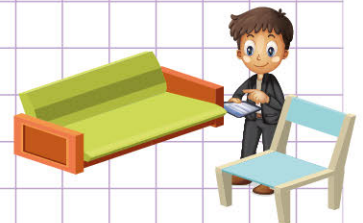
## Estimating differences word problems

1. Last year, Mercy and her sister, Jane and Jannet visited an orchard. Mercy picked 349 apples, Jane picked 160 more apples than Mercy and Jannet picked 67 less apples than Jane. To the nearest hundred, about how many apples did Jannet pick more than Mercy?



2. Jerry has a collection of 9,672 pennies in his bank. Yesterday, he gave 7,992 pennies to his brother. To the nearest thousand, about how many pennies does he have left in his bank now?

3. Charles is a sales boy at a furniture store. Last week, they sold 396 plastic chairs and 99 plastic tables. To the nearest ten, about how many plastic chairs were sold more than plastic tables.



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

## Estimating differences word problems

1. Last year, Mercy and her sister, Jane and Jannet visited an orchard. Mercy picked 349 apples, Jane picked 160 more apples than Mercy and Jannet picked 67 less apples than Jane. To the nearest hundred, about how many apples did Jannet pick more than Mercy?

Let's first of all write down the given information.

Number of apples Mercy picked = 349 apples

Number of apples Jane picked = 160 more apples than Mercy.

$$349 + 160 = 509 \text{ apples.}$$

Number of apples Jannet picked = 67 less apples than Jane.

$$509 - 67 = 442 \text{ apples}$$

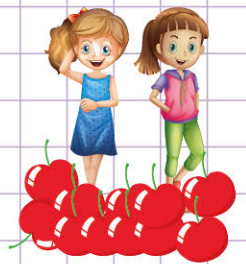
Now, let's round each number to the nearest hundred.

$$349 \approx 300, \quad 509 \approx 500, \quad 442 \approx 400$$

Finally, the number of apples Jannet picked more than Mercy =

$$400 - 300 = 100.$$

So, Jannet picked about 100 more apples than Mercy.



2. Jerry has a collection of 9,672 pennies in his bank. Yesterday, he gave 7,992 pennies to his brother. To the nearest thousand, about how many pennies does he have left in his bank now?

Let's first of all round each given number to the nearest thousand.

$$9,672 - 7,992 \approx ?$$

$$\begin{array}{r} \downarrow \quad \quad \downarrow \\ 10,000 - 8,000 = 2,000 \end{array}$$

So, he has about 2,000 pennies left in the bank now.

3. Charles is a sales boy at a furniture store. Last week, they sold 396 plastic chairs and 99 plastic tables. To the nearest ten, about how many plastic chairs were sold more than plastic tables.

Let's first of all round each given number to the nearest ten.

$$396 - 99 \approx ?$$

$$\begin{array}{r} \downarrow \quad \quad \downarrow \\ 400 - 100 = 300 \end{array}$$

So, about 300 more plastic chairs were sold than plastic tables.

