

2.NBT.B.8 Estimating Difference

2.NBT.B.8: Mentally add 10 or 100 to a given number 100-900, and mentally subtract 10 or 100 from a given number 100-900.

In estimating a number, we will follow the following guidelines:

- If the number in the tens place is 5 or greater than 5, round up to the nearest 100.
- If the number in the tens place is 4 or less than 4, round down to the nearest 100.

Example:

Estimate 774 and 365.

$$774 \longrightarrow 800$$

$$365 \longrightarrow 400$$

In estimating the difference of two numbers, follow the guidelines in estimating a number and then proceed to subtraction.

Example:

Estimate 774 - 365.

$$774 - 365 \longrightarrow 800 - 400 = 400.$$

Estimate the difference of the numbers in each item.

$$245 - 137 = \boxed{} = \boxed{}$$

$$354 - 243 = \boxed{} = \boxed{}$$

$$867 - 375 = \boxed{} = \boxed{}$$

$$156 - 132 = \boxed{} = \boxed{}$$

$$478 - 223 = \boxed{} = \boxed{}$$

$$576 - 356 = \boxed{} = \boxed{}$$

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$$1. \quad 245 - 137 = 200 - 100 = 100$$

$$2. \quad 354 - 243 = 400 - 200 = 200$$

$$3. \quad 867 - 375 = 900 - 400 = 500$$

$$4. \quad 156 - 132 = 200 - 100 = 100$$

$$5. \quad 478 - 223 = 500 - 200 = 300$$

$$6. \quad 576 - 356 = 600 - 400 = 200$$