Teacher Guide

I Did it My Way (TG pp. 1–2)
Homework
Questions 1–4

Solution strategies for Questions 1–3 will vary.

1. **A.** 482
   B. 542
   C. 199

2. 207 adults; $320 - 113 = 207$

3. **A.** Group A
   B. 91 laps; $563 - 472 = 91$

4. Answers will vary. Possible response for Question 3: $91 + 472 = 563$

Name _____ Date _____

I Did it My Way

Homework

Dear Family Member:

Your child has been using strategies to solve subtraction problems with larger multidigit numbers. Some problems are best solved with mental math, while others are best solved with paper and pencil. Some paper-and-pencil strategies for subtraction are:

	Expanded Form	Compact
$451 = 400 + 50 + 1 = 400 + 40 + 11 = 300 + 140 + 11$		$\begin{array}{r} 3\,4\,11 \\ 4\,5\,1 \\ -2\,8\,9 \\ \hline 1\,6\,2 \end{array}$
$289 = 200 + 80 + 9 = 200 + 80 + 9 = 200 + 80 + 9$		
$100 + 60 + 2 = 162$		

They use addition to check their subtraction:

$$\begin{array}{r} 162 \text{ (answer)} \\ +289 \text{ (number subtracted)} \\ \hline 451 \text{ (starting number)} \end{array}$$

Thank you.

1. Choose a way to solve each problem. Show your work.

   A. $864 - 382 =$

   B. $743 - 201 =$

   C. $657 - 458 =$

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Use mental math or paper and pencil to solve each word problem. Estimate first. Show your work, and include number sentences and labels.

2. 320 people walked in a huge beach walkathon. 113 of the walkers were children. How many walkers were adults?

   Estimate:

   Number sentence _____

3. The Seaside Swim Team recorded the number of laps they swam. Group A swam 563 laps. Group B swam 472 laps.

   A. Which group swam more laps?

   B. How many more laps did that group swim than the other group?

   Estimate:

   Number sentence _____

4. Choose one problem from Questions 1–3 and use addition to check your subtraction.

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