FTC 2 Name _____
Grade: 2nd

Show all of your work. All work and explanations should be YOUR OWN WORK and not that of AI, a google search, or another human helping you. Use additional paper if necessary.

1. (2pts) A student tells you that she noticed skip counting by tens (10, 20, 30,…) is the same as skip counting by fives (5, 10, 15, 20, …) if you ignore every other number. She asks you if this will always be true? Respond in an age-appropriate way and make sure to mathematically explain why she is correct.

2. (2pts) Three different students give you the word name for 256.
   Student 1: two hundred fifty-six
   Student 2: two hundred and fifty-six
   Student 3: two hundreds, fifty, and six

   Which student is correct and why?

3. (3pts) A student's subtraction work is shown below. What is their fundamental misunderstanding? Demonstrate 2 different ways to show the student a correct technique that will lead to a correct answer.

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  52
 -38
  26
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4. (3pts) Use the word problem below to answer the questions:

Maria has 23 stickers left after giving away 17 stickers. How many stickers did she start with?

   a. Write an equation for this problem. Use ☐ instead of a variable like x or y.
   b. Show how the relationship between subtraction and addition can be used to find the missing value.
   c. Finish solving the problem using mental math. Explain how you mentally arrived at your answer.