Problem-Solving Application: Interpret Remainders

Problem For a vacation, Mrs. Kluthrow and her family drove 478 miles to Philadelphia to visit the museums and other historical places. On the trip, Mrs. Kluthrow took 118 pictures. Of the pictures, 29 are photos of her children and the rest are photos of the places they visited.

1. Mrs. Kluthrow divides the photos of her two children evenly between the two children. How many photos does each child get? Explain how you found your answer.

2. Mrs. Kluthrow organized the photos of the places they visited into a photo album. If 4 photos can fit on each page of the album, how many pages did Mrs. Kluthrow use? Explain how you found your answer.

3. Write a division problem in which the remainder is the answer to the problem.

Show your work.