Field Trip HW Problem

The week after the field trips to science museums, the fifth grade class went to two art museums in San Francisco. This time Groups 1 and 3 went together to the Asian Art Museum and Groups 2 and 4 went to the Museum of Modern Art.

The same amount of sandwiches were prepared for each group as from the prior trip to science museums as follows:

Group 1: 4 students to share 3 sandwiches
Group 2: 5 students to share 4 sandwiches
Group 3: 8 students to share 7 sandwiches
Group 4: 5 students to share 3 sandwiches

Groups 1 and 3 combined and shared their sandwiches fairly (equally) as did Groups 2 and 4.

1. Show how much of a sandwich each student who went on the field trip to the Asian Art Museum got for lunch and how much of a sandwich each student who went on the field trip to the Museum or Modern Art got.
Use a **different strategy** that you did NOT use to solve the original problem.
Did all of the students get a fair share regardless of the trip they went on?
Present your thinking clearly.

2. For the students who went to the Asian Art Museum, compare the fractional part of a sandwich they got on this trip to the part of a sandwich they got on the first field trip to a science museum.

Do the same for the students who Museum of Modern Art.