Percentages & Work

1. Two stores sell discounted tickets to an amusement park. The first store discounted the tickets 30%, then an additional 50%. The second store discounted the tickets 80% once.

   (a) If you are looking for the best deal, where should you buy your ticket?

   (b) If the original price for one ticket was $120, how much will you pay for your ticket?

2. It takes 5 hours for a group of fourth graders to clean the Santa Monica beach. A group of tenth graders can do the same work in 4 hours. If the fourth graders work for two hours before the tenth graders join them, how long will it take the students to finish cleaning the beach together?