Elmacon Problem

1. Prime Factorization of 36 and 84 and LCM and GCF of 36 and 84

2. Prime Factorization of 90 and 96 and LCM and GCF of 96 and 90

3. Prime Factorization of 198 and 225 and LCM and GCF of 198 and 225

4. Prime Factorization of 384 and 441 and LCM and GCF of 384 and 441

5. At a summer camp, chocolate milk is served every other day, corn is served every 4 days and pizza every 7 days. Today all three were served. What is the smallest number of days until all three are served again?