Exercises: Modular arithmetic part 2

1. Solve the following congruences with the smallest positive solution.

   (a) $207 + 712 \mod 5$;

   (b) $63 + 97 \mod 25$;

   (c) $211 + 50 + 5 \mod 19$;

2. Solve the following congruences with the smallest positive solution.

   (a) $(21)(51) \mod 20$;

   (b) $(72)(130) \mod 35$;

   (c) $3713^5 \mod 1237$;