

Mixed operations word problems

A play center has an indoor playground and 4 party rooms. Children can go in to play or have their birthday parties there.

1. The center is open for 11 hours each day. Each party takes 3 hours. What is the maximum number of parties the center can host in a day?
2. If the center hosts the maximum number of parties, how much time is left to clean each party room between parties?
3. There is a limit of 85 children in the indoor playground. If there are 47 children playing in the playground, how many more children can the staff let in?

