Solve each problem.

1) A builder needed to buy thirty-eight boards for his latest project. If the boards he needs come in packs of five, how many packages will he need to buy?

2) The roller coaster at the state fair costs three tickets per ride. If you had thirty-two tickets, how many tickets would you have left if you rode it as many times as you could?

3) A librarian had to pack twenty-five books into boxes. If each box can hold eight books, how many boxes did she need?

4) Faye had twenty songs on her mp3 player. If she wanted to put the songs equally into three different playlists, how many songs would she have left over?

5) A baker had eight boxes for donuts. He ended up making twenty-two donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

6) A restaurant needs to buy forty-three new plates. If each box has seven plates in it, how many boxes will they need to buy?
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