1) \(\frac{3}{5}\) of students in class bring their own lunch to school. Half of the rest go home for lunch. What fraction of the whole class go home for lunch?

2) \(\frac{5}{7}\) of orchards have apple trees. \(\frac{3}{4}\) of the orchards with apples grow Fuji apples. What fraction of all orchards do not grow Fuji apples?

3) \(\frac{3}{4}\) of cars sold are second hand. \(\frac{3}{5}\) of the second hand cars are imported. \(\frac{3}{8}\) of new cars sold are Japanese cars.
   a) What fraction of all cars sold are Japanese new cars?

   b) What fraction of all cars sold are second hand imports?
4) \( \frac{5}{7} \) of orchards have apple trees and \( \frac{1}{6} \) have citrus trees. \( \frac{1}{5} \) of the rest grow nectarines.
   a) What fraction of all orchards grow nectarines?

   

   b) There are 400 orchards with apples. How many orchards total?

5) \( \frac{4}{5} \) of students in class bring their own calculator. \( \frac{1}{8} \) of the calculators have flat batteries. \( \frac{1}{10} \) of the rest of the calculators have broken screens.
   a) What fraction of the whole class have calculators with flat batteries?

   

   b) What fraction of the whole class have calculators with broken screens?