Fractions Extension - Multiplying and Dividing Fractions: Word Problems

Steps to solve word problems involving multiplying and dividing word problems:

a.) Paul has $\frac{3}{4}$ cups of potato chips to share with 6 friends. How many cups does each friend get?

b.) It takes $\frac{1}{6}$ cups of sugar to make cookies for Eli's math class. Eli wants to make cookies for another math class, which has 3 times as many students as Eli's math class has. How many cups of sugar would it take for Eli to make cookies for the other math class?

c.) $\frac{4}{5}$ of the football field will be repainted into 8 equal parts, all different colors. How much of the field will be painted each color?

d.) Susan, Kesha and Sammy will split $\frac{1}{2}$ of the pizza left in the refrigerator. How much pizza will each kid get?

e.) On Tuesday, $\frac{2}{3}$ of Ali's teammates were at practice. 6 times as many teammates that were at practice on Tuesday were at practice on Wednesday. How many players were at practice on Wednesday?

f.) On Friday, $\frac{3}{8}$ of the seniors signed up for the class trip. Double that amount of seniors need to sign up by Monday for the seniors to get a free lunch on the trip. How many seniors need to sign up on Monday?