6.NS.1 Task Sheet

Dividing Up Jelly Beans

Solve each situation using any method OTHER THAN the standard algorithm: Be prepared to justify your answers with your chosen method.

1. Gary had a pound of jellybeans and put 1/8 of a pound in each bag. How many bags could he fill?
2. Linda had a half a pound of jellybeans and put the same amount in each bag that Gary did; how many bags could she fill?
3. Joe had 7/8 of a pound of jellybeans and filled each of his bags with ¼ of a pound, how many bags could he fill?
4. Christina had ¾ of a pound and filled each of her bags with 1/6 of a pound. Jan had the same amount, but she filled her bags with 2/15 of a pound.

Which one was able to fill the most bags? Which one had the most left over?

1. Out of all five friends, who was able to fill the most bags? Order them from greatest to least. Who had the most left over? Order them from greatest to least.
2. Write your own situation where a friend would be able to fill more bags than Christina, but have less left over than Jan.