Activity 2d: Pizza Problems and Multiplication of Fractions

**For each of the problems below:**

* **Estimate the answer to the following problems.**
* **Use drawings to represent the problem and show the exact answer.**
* **Write a number sentence that represents the problem and states the solution.**

A. Ajay owns a pizza pie shop. The shop makes square pizza pies and sells them by whole pies or fractional parts of a pie.

1. Liz comes to the shop and sees that there are six different kinds of pizza for sale in the display case, each one only being of a pie. Liz decides to buy all the pizza that is in the display case. How much pizza pie does Liz buy?
2. Gail wants to buy of the piece of pineapple pizza left in the case, which is of a pie. How much pizza pie does Gail want to buy?
3. Dave, the football coach, comes into the shop to buy pizza for his senior players. Each player will eat 2 pizzas. There are 5 seniors on the team. How much pizza does Dave need?
4. For each super large pizza, Ajay uses 1 pounds of cheese. Sharon orders 2 super large pizzas. How much cheese does Ajay need for this order?