Mutation Model

Read the scenarios below. In the space provided, write the way the recipe model applies to mutations in DNA.

A mutation is ____________________________________________________________________________

1. A student read the recipe for chocolate chip cookies. The recipe said to combine 3/4 cup brown sugar with 3/4 cup salt.

   DNA instructions are ____________________.

   The effect is ____________________.

2. The recipe calls for pieces of chocolate instead of chocolate chips.

   DNA instructions are ____________________.

   The effect is ____________________.

3. The recipe said to double the number of chocolate chips.

   DNA instructions are ____________________.

   The effect is ____________________.