Name:

Date:

What is Genomics: Food

1. Before scientists knew what genes controlled what traits, how did farmers select for plants with traits they wanted, like apples that are sweet or potatoes that are good for baking?

2. How does research that identifies the genes in DNA that control specific traits affect the ability of humans to produce desirable types of plants (or animals)?

3. What are gene chippers? What do they do?

4. Why do gene chippers increase the speed of selecting for plants with the traits farmers, gardeners or companies want?