MUTATIONS

- a change in the DNA that may cause an incorrect protein to be made
- mutations can be helpful as well as harmful
- substitutions changing one base for another

```
(M&M's instead of chocolate chips) (salt instead of sugar)
```

 deletions dropping a base from the code

```
(forgot the nuts)
(forgot the flour)
```

 additions adding a base to the code

```
(added M&M's to chocolate chips) (added motor oil)
```