

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Discover Dairy and Animal Health Video Discussion Guide

**Directions:** Fill in the blanks as you watch the "Discover Dairy and Animal Care" video.

1. Every year, \_\_\_\_\_ billion pounds of milk are produced from \_\_\_\_\_ million cows which is an average of \_\_\_\_\_ gallons of milk per cow.
2. Dairy farmers have been able to produce more milk with less cows over the last 60 years through the use of \_\_\_\_\_ and \_\_\_\_\_.
3. From selective breeding and biotechnology to \_\_\_\_\_ and healthcare, all areas of cow care are supported by today's \_\_\_\_\_ technology which can handle huge amounts of information.
4. Dairy farmers are real-world people who have learned to use science and technology to meet real-world \_\_\_\_\_.
5. Dairy farmers apply the basic principles of genetics, the idea of \_\_\_\_\_ and \_\_\_\_\_ genes and the \_\_\_\_\_ of traits.
6. Dairy farmers use computer technology to keep track of a cow's health from what kinds of \_\_\_\_\_ it has eaten to the \_\_\_\_\_ it has taken to the \_\_\_\_\_ it has gotten from doctors.
7. Dairy farmers love seeing a cow chewing its \_\_\_\_\_, because it means the cow is \_\_\_\_\_.

