



www.mla.com.au



Caring for the environment comprehension – Solutions

- 1. Answers may include: biodiversity, healthy soil, vegetation, water, energy, emissions.
- 2. Teacher check.
- 3. Answers may include:
 - Researching to find out more about sustainable land management practices.
 - Dedicating areas of their property to revegetation and fencing them.
 - Planting tree belts to provide shelter.
 - Planting and encouraging growth of natural vegetation.
 - Fencing off waterways.
 - Working with others to share ideas and support each other.
- 4. Healthy soil is essential as it produces high-quality crops (more nutritious food for the animals).
- 5. On the farm, water is mainly used for animal drinking water.
- 6. Answers may include: powering the homestead, pumping water, running machinery, processing grain or feed.
- 7. The main cause of emissions is from methane produced by the natural digestion process of cattle, sheep and goats. These animals are called Ruminant.
- 8. a. Like agriculture and all human activity, raising cattle, sheep and goats has an impact on the **environment**.
 - b. **Biodiversity** is the variety of all living things (plants, animals and micro-organisms) and the **ecosystems** they form.
 - c. Australia's cattle and sheep farms occupy around 50% of **agricultural** land used in Australia.



