# Feeding relationships in my garden /25

Read the information below about organisms in my garden.

**Grevillea**

Grevillea are native plants often found growing in gardens. The grevillea in my garden flowers mostly in spring. It has red flowers and produces nectar.

**Ladybirds**

Ladybirds visit the grevillea in my garden and feed on aphids.

**Ants**

Ants crawl up the stem to feed on nectar in the flowers.

**Honeyeaters**

Honeyeaters visit the grevillea to feed on the nectar, aphids and bugs.

**Aphids**

Aphids are parasitic bugs that pierce the stem and suck the sap.

1. Draw a food web that contains all of the organisms in my garden mentioned above. **(6 marks)**
2. What is the original source of energy for the food web? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**(1 mark)**

1. What group of organisms are missing from the description of organisms in my garden?

**(1 mark)**

What is the role of these organisms?

**(1 mark)**

1. Make a food chain from the food web that contains four organisms. **(3 marks)**
2. Make a food chain from the food web that contains three organisms. **(2½ marks)**
3. For each food chain, complete the following table. **(3½ marks)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Producer | 1st-order consumer | 2nd-order consumer | 3rd-order consumer |
|  |  |  |  |  |
|  |  |  |  |  |

1. Write the definition of producers and consumers? **(2 marks)**

|  |  |
| --- | --- |
|  | Role |
|  |  |
|  |  |

1. Identify the herbivores, omnivores and carnivores in the food web. **(3 marks)**

|  |  |
| --- | --- |
|  |  |
|  |  |
|  |  |

1. If there was a great increase in the numbers of ladybirds, explain what you think would happen to the numbers of honeyeaters. **(3 marks)**

**End of task**