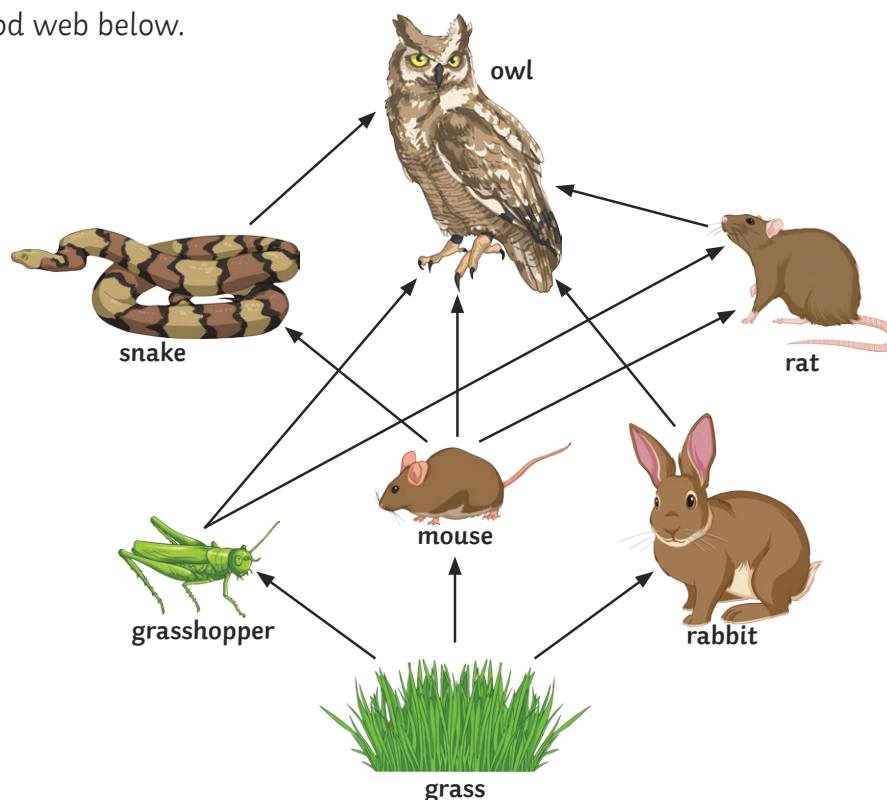


# Exam-Style Questions 1

1. Look at the food web below.



One year, the mouse population increased. What effect could this have on the owls and grasshoppers?

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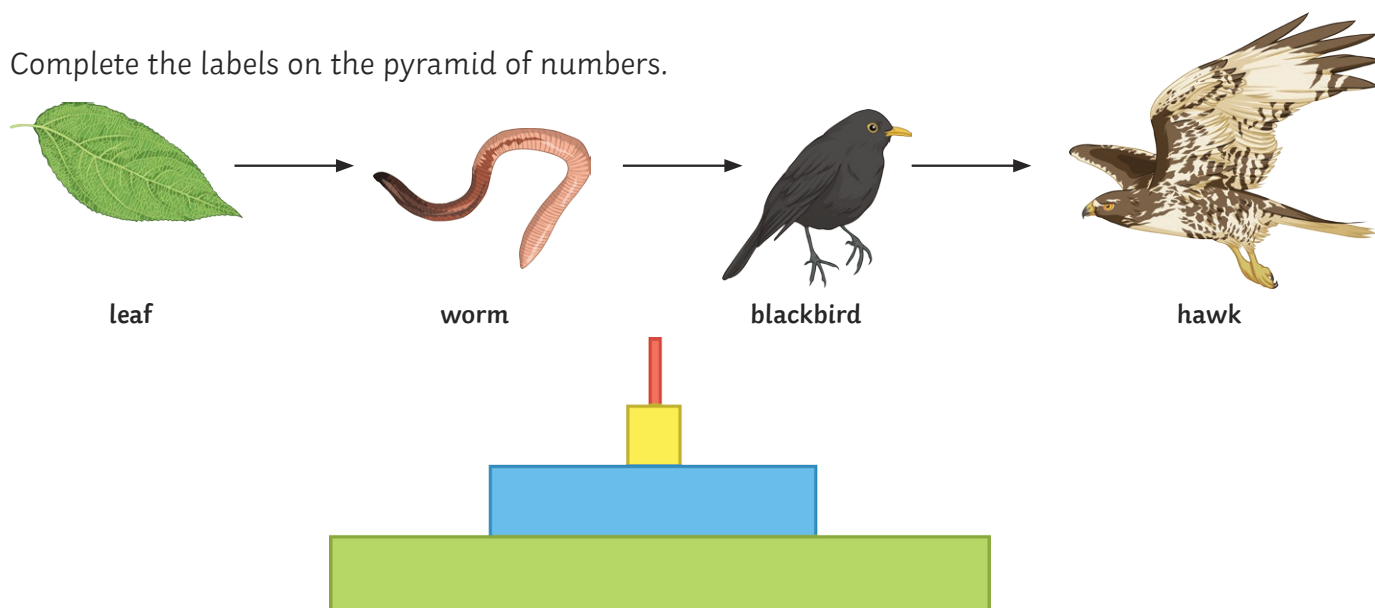
An insecticide was sprayed on the grass to control the number of grasshoppers. After a few months, owls begin to consume more poison than the grasshoppers. Explain why this is.

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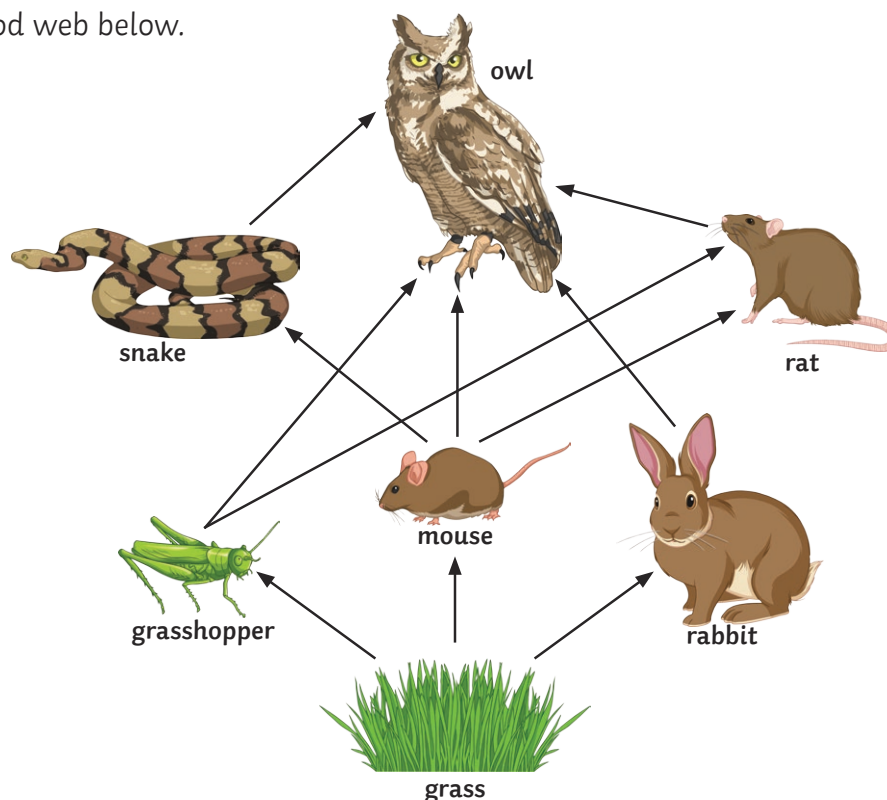
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2. Complete the labels on the pyramid of numbers.



# Exam-Style Questions 1 Answers

1. Look at the food web below.



One year, the mouse population increased. What effect could this have on the owls and grasshoppers?

**Owl and grasshopper numbers would increase, with more food available for the owl.**

An insecticide was sprayed on the grass to control the number of grasshoppers. After a few months, owls begin to consume more poison than the grasshoppers. Explain why this is.

**The grasshoppers only take in a small amount of the poison, however the owls each eat several grasshoppers, which causes the poison to build up in each owl.**

2. Complete the labels on the pyramid of numbers.

