

Balance of Nature

Class _____ Name _____

1. Classify the organisms

- () : An organism that can make energy by itself.
[Green plants]
- () : An organism that must eat plants or animals.
[Animals]
- () : An organism that derives its energy from
decomposing matter.

Choices

Producer , Consumer , Decomposer ,
Herbivore , Omnivore , Carnivore

2. Are the following organisms Producers, Consumers, or Decomposers?

カラス ウサギ ヘビ ヒマワリ
Crow, Rabbit, Snake, Sunflower,
キノコ イノシシ ネズミ カビ
Mushroom, Wild boar, Mouse, Mold
カエル クサ バツ タ ミミズ
Frog, Grass, Grasshopper, Earthworm

Producers	Consumers	Decomposers

3. The Food Chain and the Food Web

- **Food chain** : A () relationship of predator and prey
that passes energy from one to another.
- **Food web** : A () relationship of organisms
that link together in an ecosystem.

Choices

simple , complicated

classify : 分類

organism : 生物

derive : 取り出す

decomposing matter :
腐りかけた物

producer : 生産者

consumer : 消費者

decomposer : 分解者

herbivore : 草食動物

omnivore : 雑食動物

carnivore : 肉食動物

following : 以下の

food chain : 食物連鎖

relationship : 関係

predator : 食べる生物

prey : 食べられる生物

food web : 食物網

link : つながる

ecosystem : 生態系

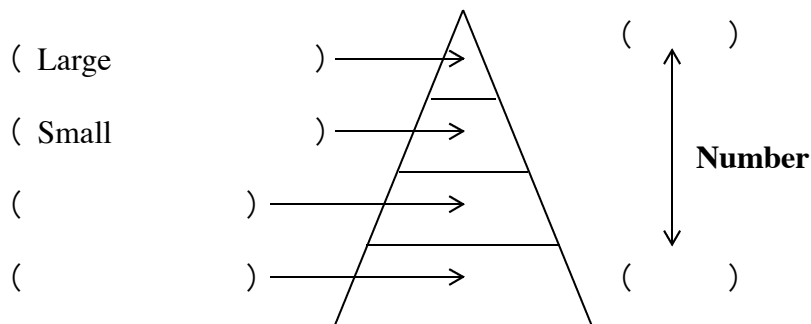
complicated : 複雑な

4. The things that you noticed and found from **Activities**.

日本語で書いてもいいよ！

notice : 気がつく
activity : 体験活動

5. The number relationship within the food pyramid.



number : 数
relationship : 関係
food pyramid :
食物ピラミッド

If animals' number of one level increases or decreases,
the food pyramid () to its original shape
after a few years.

increase : 増加する
decrease : 減少する
shape : 形

6. If a big change happens in a "Food Pyramid,"
what will happen after a few years?

日本語で書いてもいいよ！

happen : 起こる

7. If a big change happens in a "Food Pyramid,"
what are the causes?

日本語で書いてもいいよ！

cause : 原因

Balance of Nature

Class _____ Name _____

1. Classify the organisms

- (**Producer**) : An organism that can make energy by itself.
[Green plants]
- (**Consumer**) : An organism that must eat plants or animals.
[Animals]
- (**Decomposer**) : An organism that derives its energy from
decomposing matter.

Choices

Producer , Consumer , Decomposer ,
Herbivore , Omnivore , Carnivore

2. Are the following organisms Producers, Consumers, or Decomposers?

カラス ウサギ ヘビ ヒマワリ
Crow, Rabbit, Snake, Sunflower,
キノコ イノシシ ネズミ カビ
Mushroom, Wild boar, Mouse, Mold
カエル クサ バツ タ ミミズ
Frog, Grass, Grasshopper, Earthworm

Producers	Consumers	Decomposers
Sunflower Grass	Crow, Rabbit Snake, Wild boar Frog, Mouse, Earthworm Grasshopper	Mushroom Mold

3. The Food Chain and the Food Web

- **Food chain** : A (**simple**) relationship of predator and prey
that passes energy from one to another.
- **Food web** : A (**complicated**) relationship of organisms
that link together in an ecosystem.

Choices

simple , complicated

classify : 分類

organism : 生物

derive : 取り出す

decomposing matter :
腐りかけた物

producer : 生産者

consumer : 消費者

decomposer : 分解者

herbivore : 草食動物

omnivore : 雑食動物

carnivore : 肉食動物

following : 以下の

food chain : 食物連鎖

relationship : 関係

predator : 食べる生物

prey : 食べられる生物

food web : 食物網

link : つながる

ecosystem : 生態系

complicated : 複雑な

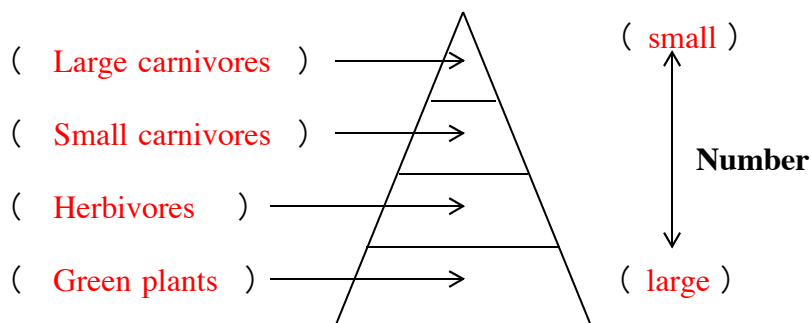
4. The things that you noticed and found from **Activities**.

日本語で書いてもいいよ！

notice : 気がつく

activity : 体験活動

5. The number relationship within the food pyramid.



number : 数

relationship : 関係

food pyramid :

食物ピラミッド

If animals' number of one level increases or decreases,
the food pyramid (**will return**) to its original shape
after a few years.

increase : 増加する

decrease : 減少する

shape : 形

6. If a big change happens in a "Food Pyramid,"
what will happen after a few years?

日本語で書いてもいいよ！

happen : 起こる

7. If a big change happens in a "Food Pyramid,"
what are the causes?

日本語で書いてもいいよ！

cause : 原因