

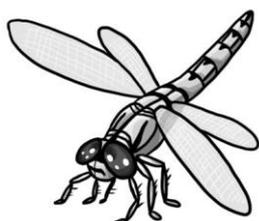
Secondary

(Dragonflies of Our Parks and Gardens)

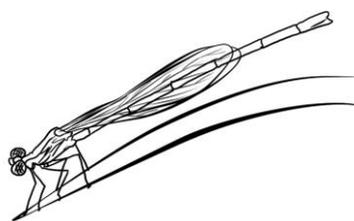
Fun with Dragonflies and Damselflies!

Name : _____ () Class: _____ Date: _____

Fill in the missing words or letters in the blanks provided.



Organism X



Organism Y

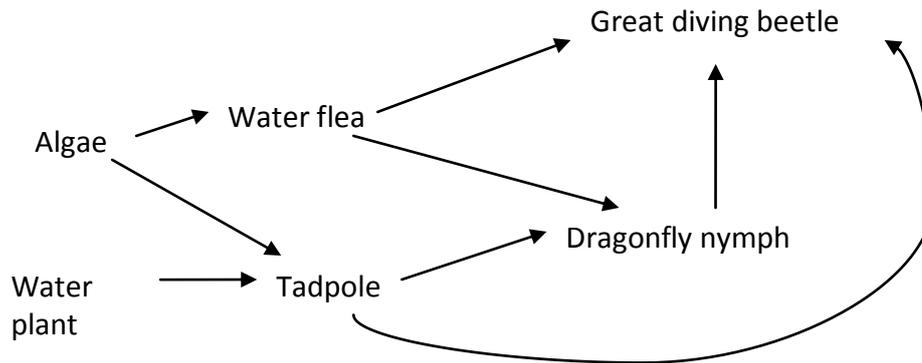
Similarities

- Both organisms X and Y belong to the group of insects called the _____.
- Both have three body parts, which are the _____, the _____, and the _____.
- Both have _____ legs.
- Both have _____ pairs of wings.
- Both _____ by laying eggs.

Differences

	Organism X	Organism Y
Wing position when at rest	Its wings are _____ like an aeroplane when it is at rest.	Its wings are _____ close together above its body when it is at rest.
Eyes	Eyes _____ each other.	Eyes are _____.
Shape of eggs laid	_____	_____
Type	6 (a) It is a _____ .	6 (b) It is a _____ .

7. Study the food web below.



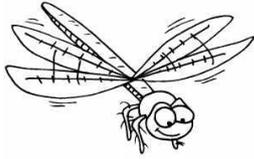
a) Name all the prey of the dragonfly nymph as shown in the food web above.

b) Name all the predators of the water flea as shown in the food web above.

c) Write down the longest food chain possible from the food web, starting with the algae.

d) Name a possible community to which the organisms in this food web belong.

e) Describe what may happen if the population of the dragonfly nymphs were to decrease sharply. Explain why.

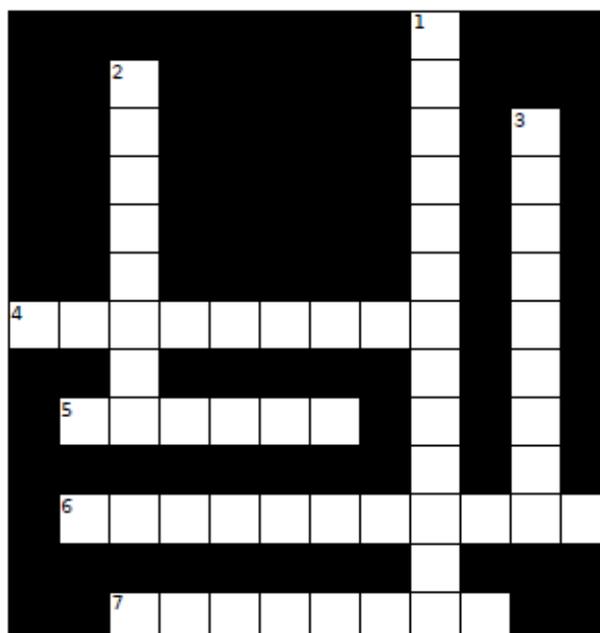


Fun facts

How well do you know your dragonflies and damselflies?

No.	Facts?	True/False
1	Dragonflies and damselflies have been living on Earth for more than 300 million years.	
2	The largest dragonfly that ever lived had a wingspan of 72 centimetres.	
3	Dragonflies are considered delicacies in some countries.	
4	Male dragonflies are able to secure themselves to the female's body in mid flight.	
5	Dragonflies have compound eyes that are made up of 300 lenses, which allow them to perceive movement, colour, light polarisation and even UV light.	
6	Dragonflies are able to fly regardless of the weather.	
7	The presence of dragonflies indicate the quality of freshwater.	
8.	Dragonflies can beat their wings together or separately, allowing them to fly in any direction.	

Crossword Puzzle (Dragonflies)



- Across**
- 4 Dragonflies are indicators of fresh water q_____.
- 5 In some tropical areas, dragonfly n_____ are intentionally kept in drinking water storage tanks to control larval mosquito populations
- 6 Adult dragonflies may also play an important role in controlling p_____ of other insects including mosquitoes
- 7 Dragonflies have also been used in traditional m_____ in China and Japan.

- Down**
- 1 Freshwater quality in many important dragonfly habitats is severely threatened by d_____.
- 2 Dragonflies are considered a d_____ in several asian countries
- 3 The most significant threat to dragonfly species is destruction and p_____ of freshwater habitat by humans.