

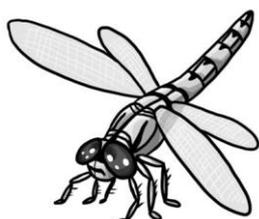
# Secondary

(Dragonflies of Our Parks and Gardens)

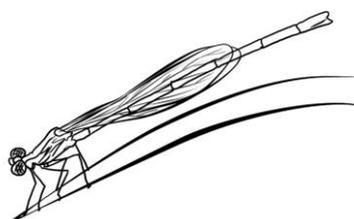
## Fun with Dragonflies and Damselflies!

Name : \_\_\_\_\_ ( ) Class: \_\_\_\_\_ Date: \_\_\_\_\_

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



**Organism X**



**Organism Y**

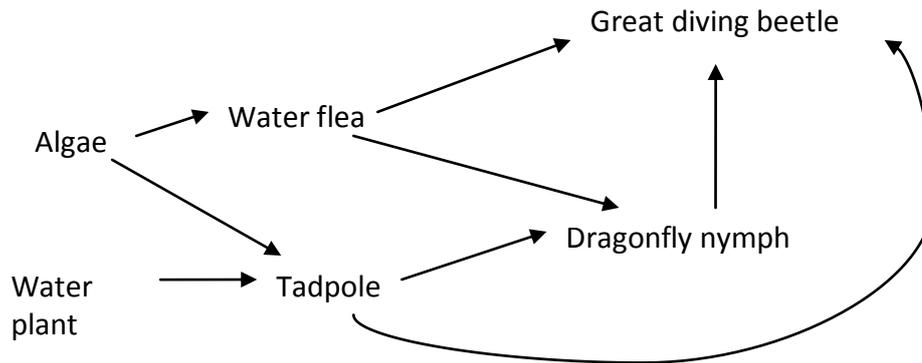
### Similarities

- 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

	<b>Organism X</b>	<b>Organism Y</b>
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.

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

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

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

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

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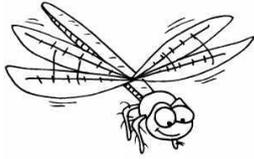
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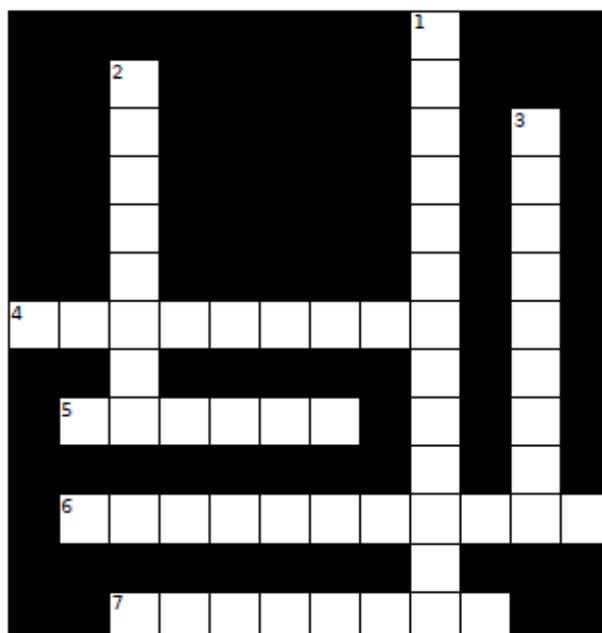


## Fun facts

### 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.