



Tough Enough?

1. What is the scientific word used for animals that survive in tough conditions?

- Tardigrades
- Extremophiles
- Indestructible



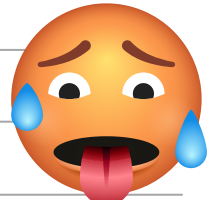
Thang 12345 CC BY-SA 3.0

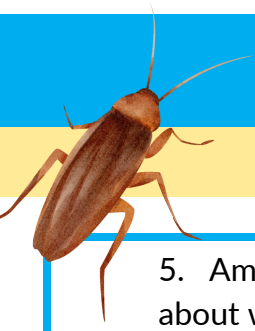
2. Why do Aboriginal people only drink from the Eastern water-holding frog in an absolute emergency?

3. Think about what you know about early explorers in Australia: their preparation and the challenges they encountered. Why do you think the European saved by a water-holding frog might have found himself dying of thirst? He must have known the desert was hot and dry!

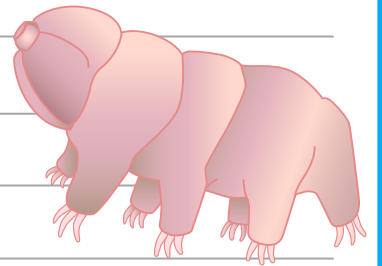


4. If you had to put up with extreme heat, drought or cold, which would you choose? Why?

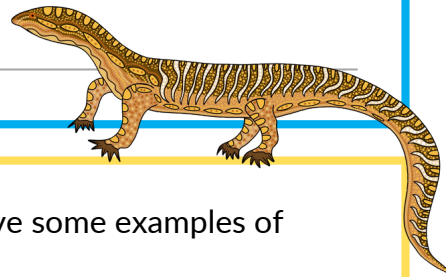




5. Amanda said that tardigrades were "practically indestructible". What do you remember about what they **can** handle? And what is the one surprising thing that might actually endanger them?



6. Why do you think studying animals that can tough out extreme heat, cold, and drought, could benefit humans?



7. Explain in your own words what an animal adaptation is, and give some examples of animal adaptations you know about.

