



Evolutionary Ideas - True or False?

Read each statement and check to see if it is true or false by reading the Evolutionary Ideas Fact Sheet. Tick (✓) either True or False (one has been done for you).

statement	true	false
Tusi: Organisms can't gain new features.	✓	
Augustine of Hippo: All mammals descended from 38 original animal types.		
Epicurus: Strongest and most active animals survive and reproduce.		
Taoists: Thought the environment affected the attributes of living things.		
Anaximander of Miletus: The first animals lived in water.		
Pierre Louis Maupertuis: Adaptations only lead to new species.		
Charles Darwin: Natural selection does not involve competition.		
Alfred Wallace: Natural selection causes varieties of the same species.		
Al-Jahiz: All animals had to struggle to survive, to find food and breed.		
Empedocles: Animals and plants look as though they have been designed but it's accidental they look the way they do.		

Compare Darwin's and Wallace's ideas about evolution.

How were they similar? _____

How were they different? _____



Evolutionary Ideas - True or False? Answers

Read each statement and check to see if it is true or false by reading the Evolutionary Ideas Fact Sheet. Tick (✓) either True or False (one has been done for you).

statement	true	false
Tusi: Organisms can't gain new features.	✓	
Augustine of Hippo: All mammals descended from 38 original animal types.		X
Epicurus: Strongest and most active animals survive and reproduce.	✓	
Taoists: Thought the environment affected the attributes of living things.		
Anaximander of Miletus: The first animals lived in water.	✓	
Pierre Louis Maupertuis: Adaptations only lead to new species.		X
Charles Darwin: Natural selection does not involve competition.		X
Alfred Wallace: Natural selection causes varieties of the same species.	✓	
Al-Jahiz: All animals had to struggle to survive, to find food and breed.	✓	
Empedocles: Animals and plants look as though they have been designed but it's accidental they look the way they do.	✓	

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