



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 gain new features.	✓	
Augustine of Hippo: All mammals descended from 38 original animal types.		
Zhang Zhou: Animals struggle for existence.		
Epicurus: Strongest and most active animals survive and reproduce.		
Erasmus Darwin and Charles Darwin thought animals could transmute/evolve.		
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.		
Charles Darwin: There is a single point of origin for all living things.		
Al-Jahiz: All animals had to struggle to survive, to find food and breed.		
Erasmus Darwin: Strongest animals not always the ones who survive better.		





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

How were they similar?

How were they different?





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