17.3 and 17.4 solating Mechanisms 1. What is speciation? 2. What does it mean for two species to be reproductively isolated from each other? 3. What must happen in order for a new species to evolve? 4. List three ways that reproductive isolation occurs. 5. When does behavioral isolation occur?
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6. When does geographic isolation occur?
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7. What is an example of temporal isolation?
8. Suppose a seamount forms from an underwater volcano. Birds on the mainland colonize
the island. How might this lead to speciation?
iming Lineage Splits: Molecular Clocks
1. What is a molecular clock?
2. Why are only neutral mutations useful for molecular clocks?
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	What genetic factors might be responsible for a change in an organism's body plan?	What genetic factors might be responsible for a change in an organism's body plan?	. W	hy are there many molecular clocks in a genome instead of just one?
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