





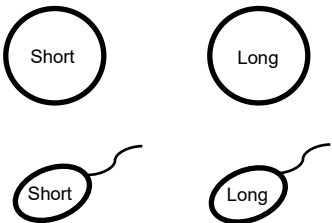
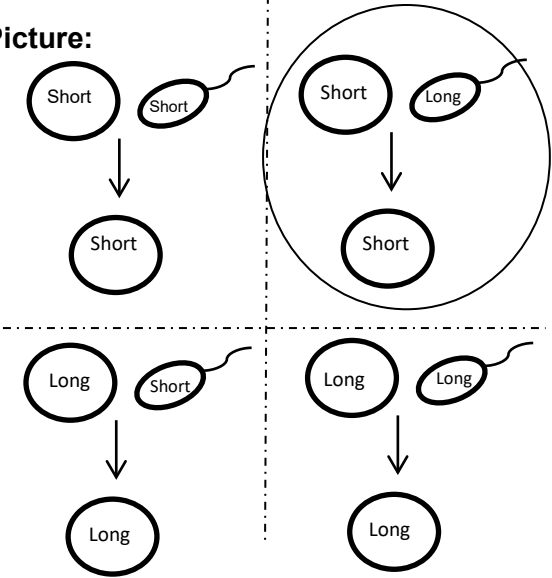


Name: _____

Date: _____

Genes and Chromosomes

Mendel's Ideas about Genes				
<p>Idea: Individuals have two copies of a gene for each trait. Different forms of the same gene are called alleles. Genes control how their traits will appear.</p>				
<p>Picture:</p> <table><tr><td>How to Make Long Hair</td><td>How to Make Short Hair</td></tr><tr><td></td><td></td></tr></table>	How to Make Long Hair	How to Make Short Hair		
How to Make Long Hair	How to Make Short Hair			
				
<p>Idea: These two alleles separate when eggs and sperm are made. Each parent passes just one copy of a gene (or allele) to each offspring.</p>				
<p>Picture:</p> 				
<p>Idea: Each offspring gets one allele from the father and one allele from the mother.</p>				
<p>Picture:</p> 				

Sutton's Ideas about Chromosomes
<p>Idea:</p>
<p>Picture:</p>
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<p>Picture:</p>
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