

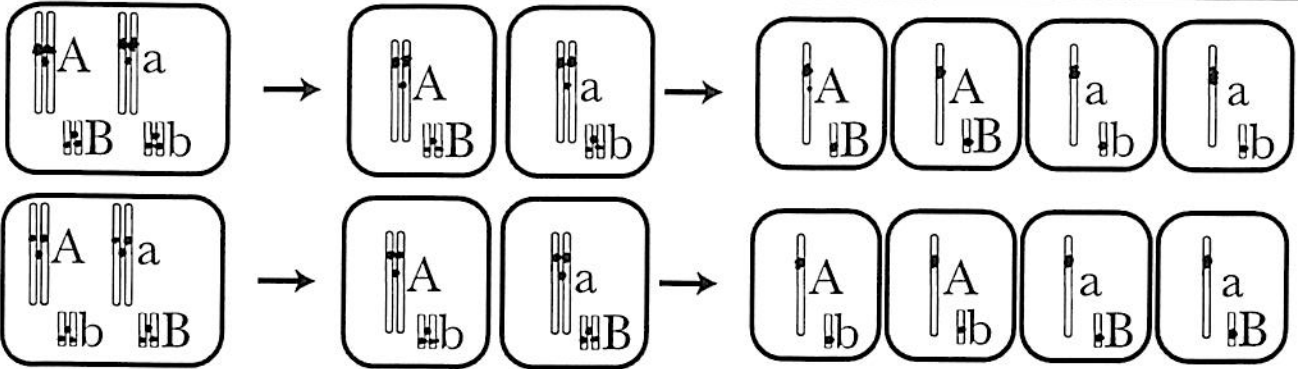
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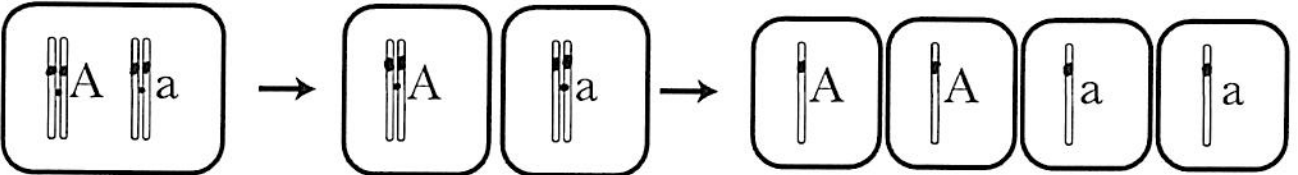
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Mendel's Laws of Inheritance

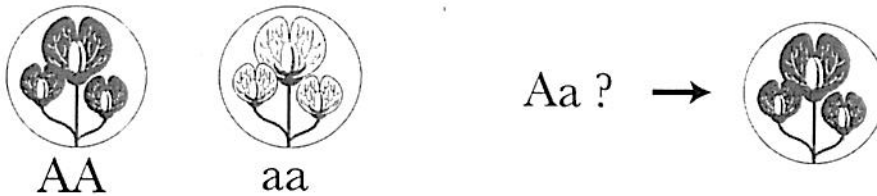
Label the three pictures with which of Mendel's laws is illustrated in each picture.



1. Which Mendel's Law does this picture illustrate and why? _____



2. Which Mendel's Law does this picture illustrate and why? _____



3. Which Mendel's Law does this picture illustrate and why? _____

When Mendel did his experiments, he looked at 7 different phenotypes in pea plants. Surprisingly, he seems to have only studied 7 unique genes that were UNLINKED. Some scientists speculate that he did other experiments that did not show him what he wanted and he may have discarded that data.

4. What are linked genes? _____

5. What would have happened if he had picked two linked genes to study and cross together? Which of his laws are not true when scientists study linked genes? Explain your answer.
