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## **EXPERIMENT**





## RESULTS



## CONCLUSION



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When a cell in the S phase was fused with a cell in  $G_1$ , the  $G_1$  nucleus immediately entered the S phase—DNA was synthesized.

When a cell in the M phase was fused with a cell in  $G_1$ , the  $G_1$  nucleus immediately began mitosis—a spindle formed and chromatin condensed, even though the chromosome had not been duplicated.













