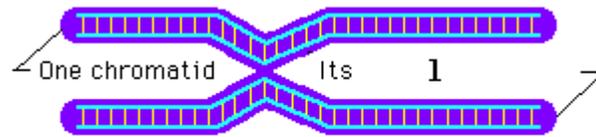


For Problem 1

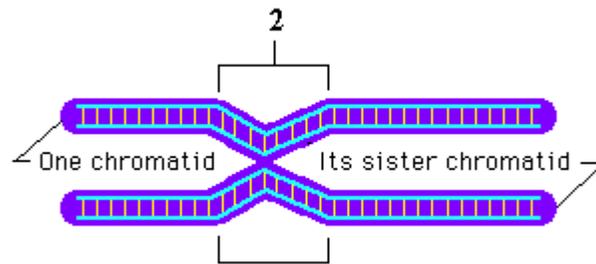
One chromosome (unduplicated)



One chromosome (duplicated)



For Problem 2



For Problem 3

3

