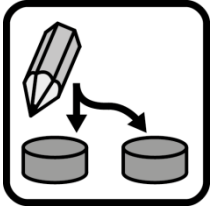
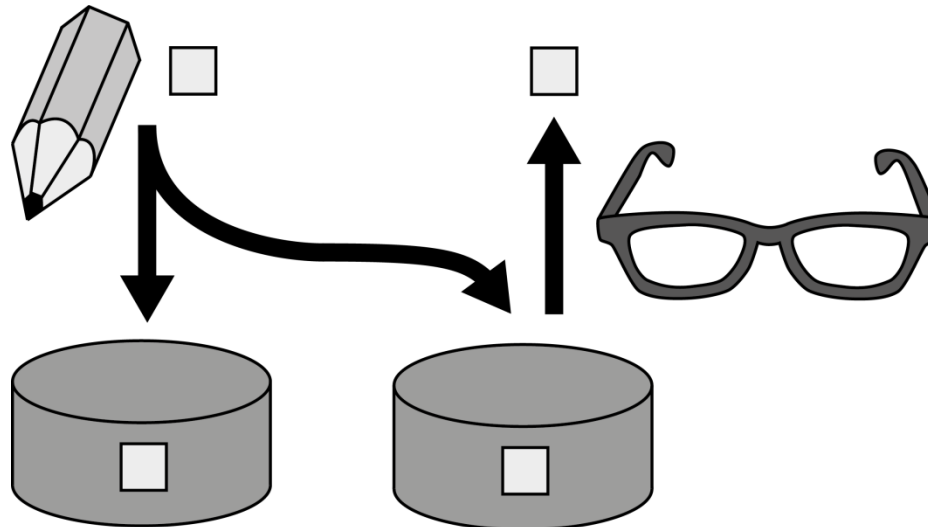


Strict Consistency

Data is stored at different locations to improve response time and to avoid data loss in case of failures while consistency of replicas is ensured at all times.



How can data be distributed among replicas to increase availability, while ensuring data consistency at all times?



number of replicas (n) = 2
replicas accessed to write (w) = 2
replicas accessed to read (r) = 1

$$n < w + r$$

