

1. What is a conit? Calculate numerical deviation and order deviation for replica A and B given on Figure 1. 5

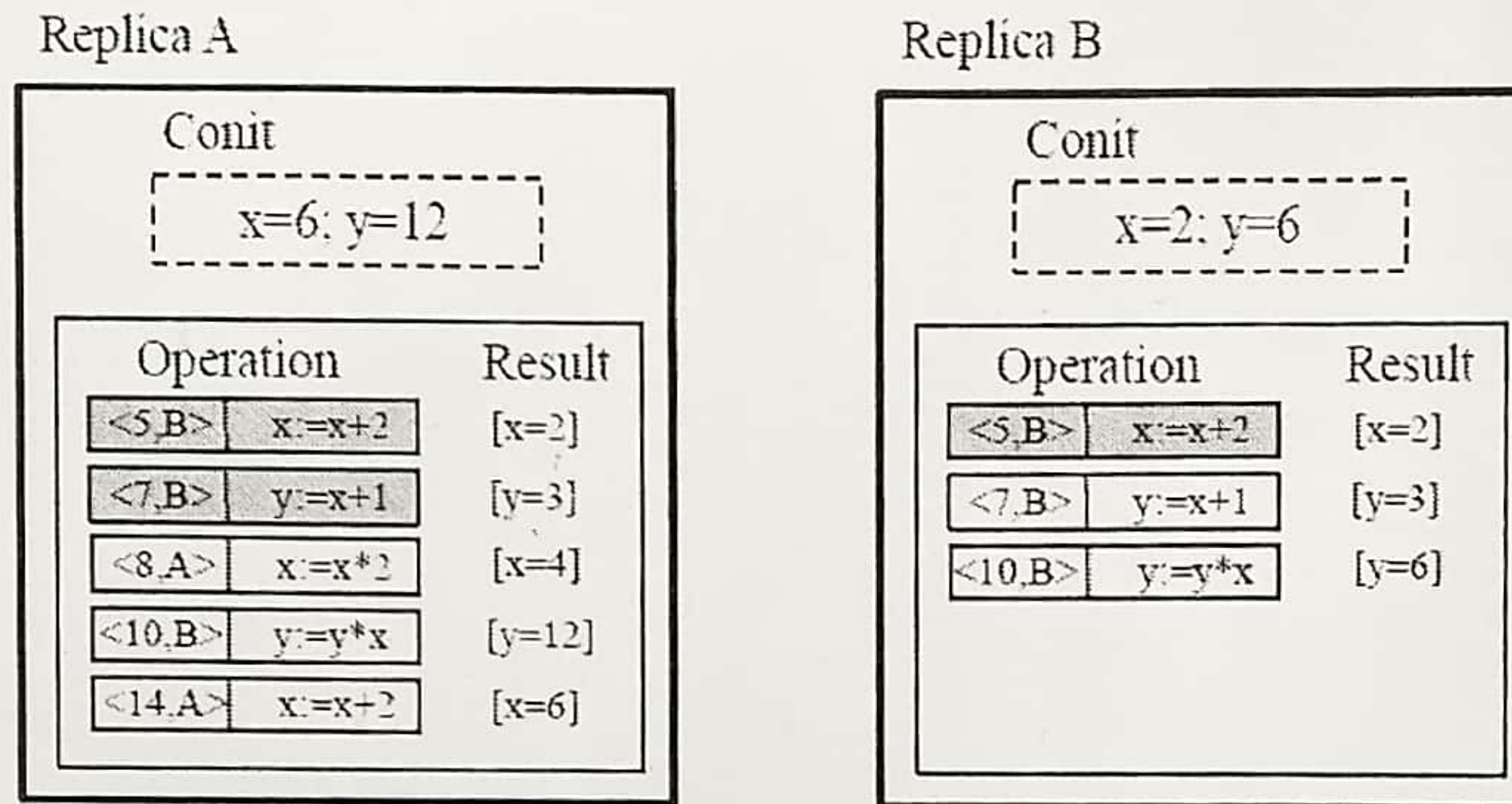


Figure 1: An example of keeping track of consistency deviations

2. Consider three processes p1, p2, and p3 with the following pattern of communication given in figure 2. Label each event with a vector timestamp 5

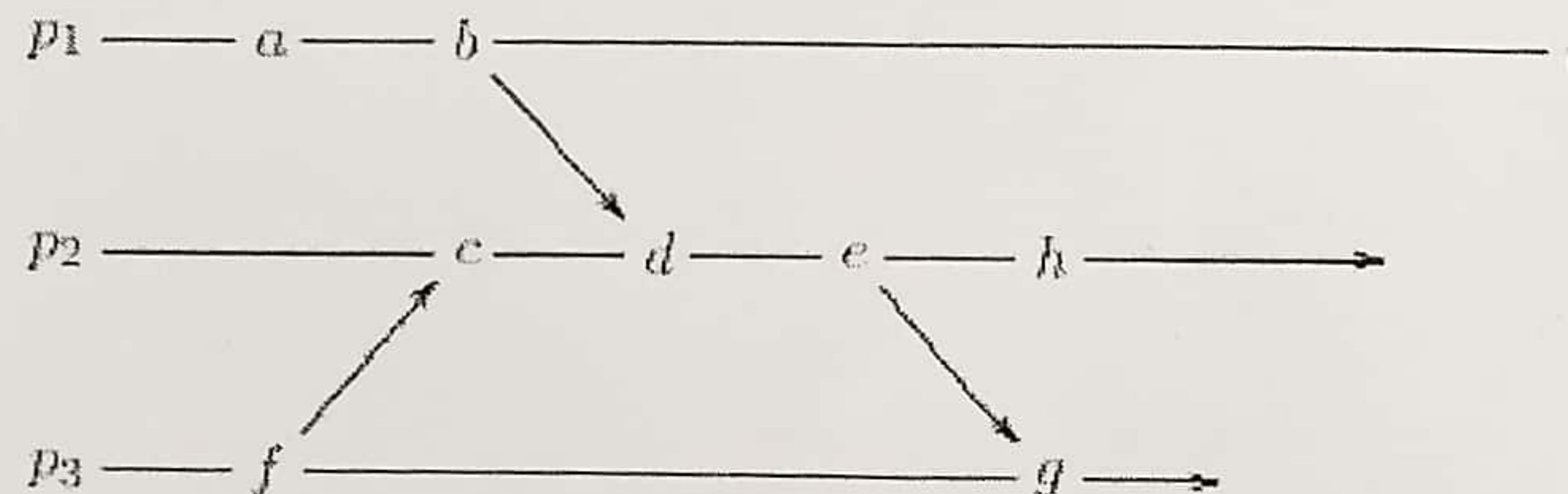


Figure 2: Four Processes P1, P2, P3 run events to send and receive messages

3. Briefly describe bully algorithm with an example of 5 nodes 5