



Figure 11.1 *A simple activity diagram*

because processes often occur in parallel. It's also useful for concurrent algorithms, in which independent threads can do things in parallel.

When you have parallelism, you'll need to synchronize. We don't close the order until it is delivered and paid for. We show this with the **join** before the **Close Order** action. With a join, the outgoing flow is taken only when all the incom-