

Interpreting Children's Strategies

Equal Groups, Group Size Unknown Problem

3 children want to share 5 candy bars so that everyone gets the same amount. The candy bars are the same size. How much will each child have?

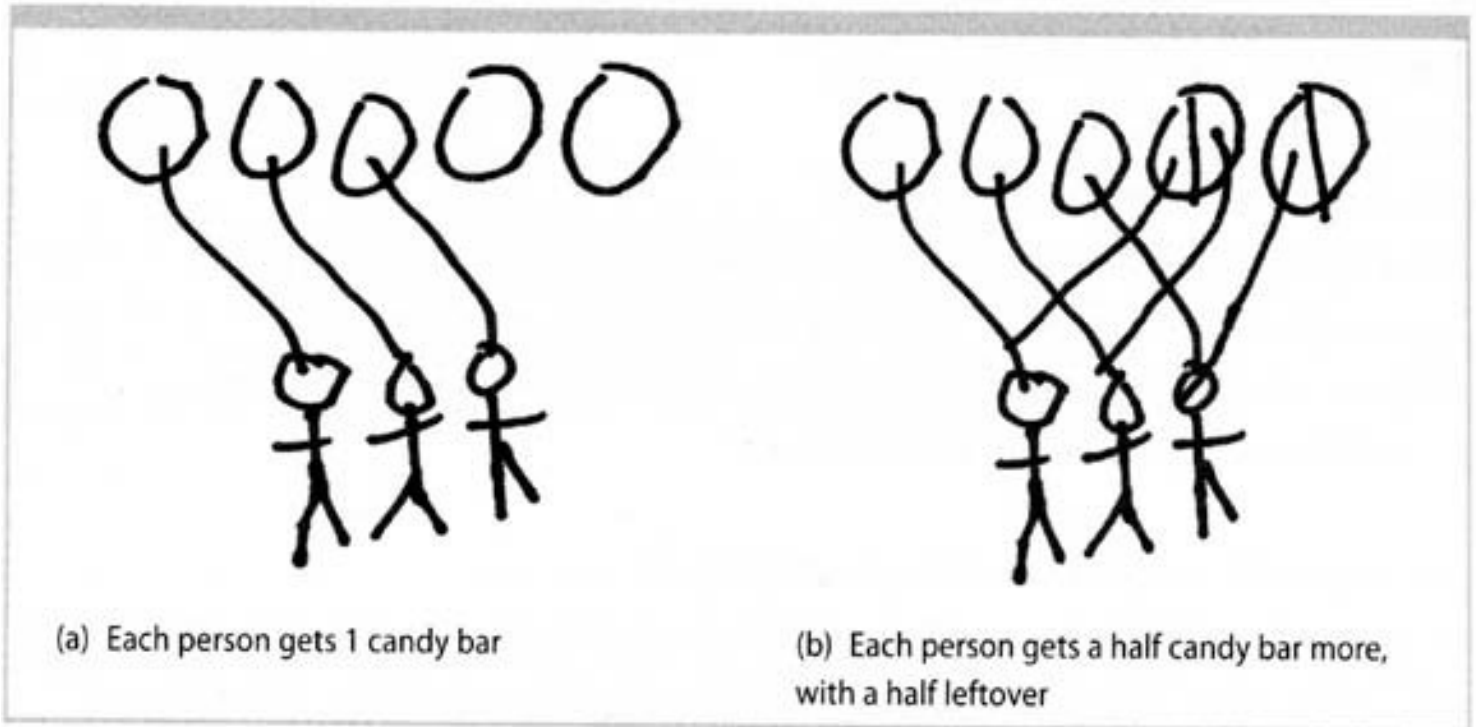


Figure 1-7. Michelle's incomplete strategy

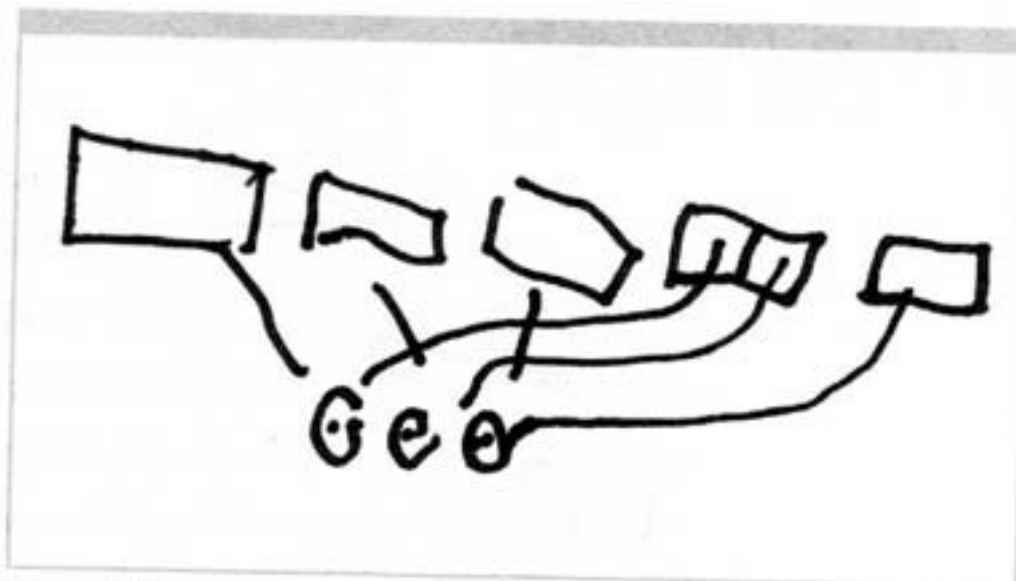


Figure 1-8.
Miguel's incomplete strategy

6 children want to share 4 candy bars so that everyone gets the same amount. How much can each child have?

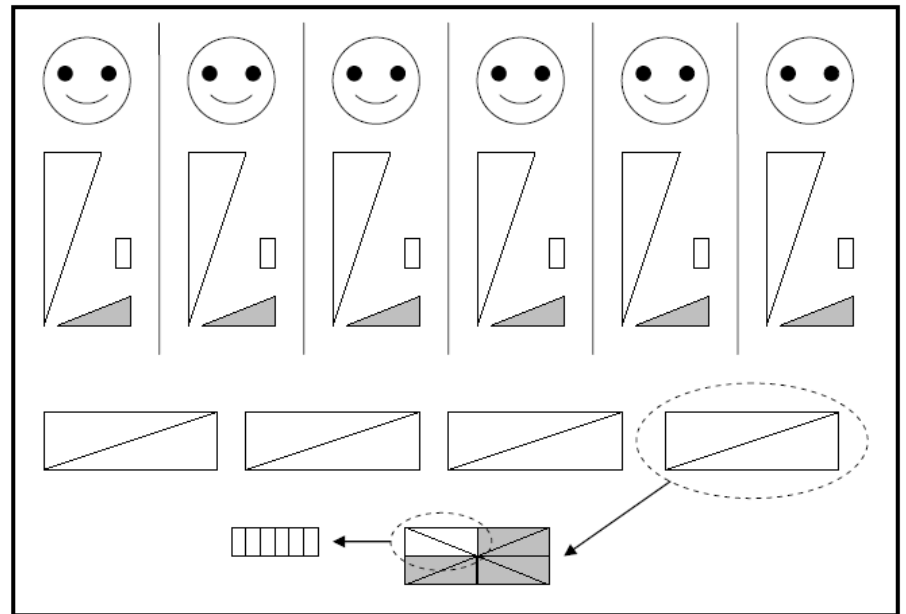
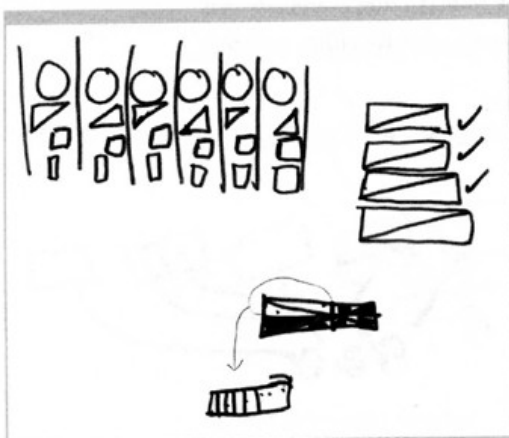


Figure 1-9.
Nonanticipatory Coordination: repeated halving

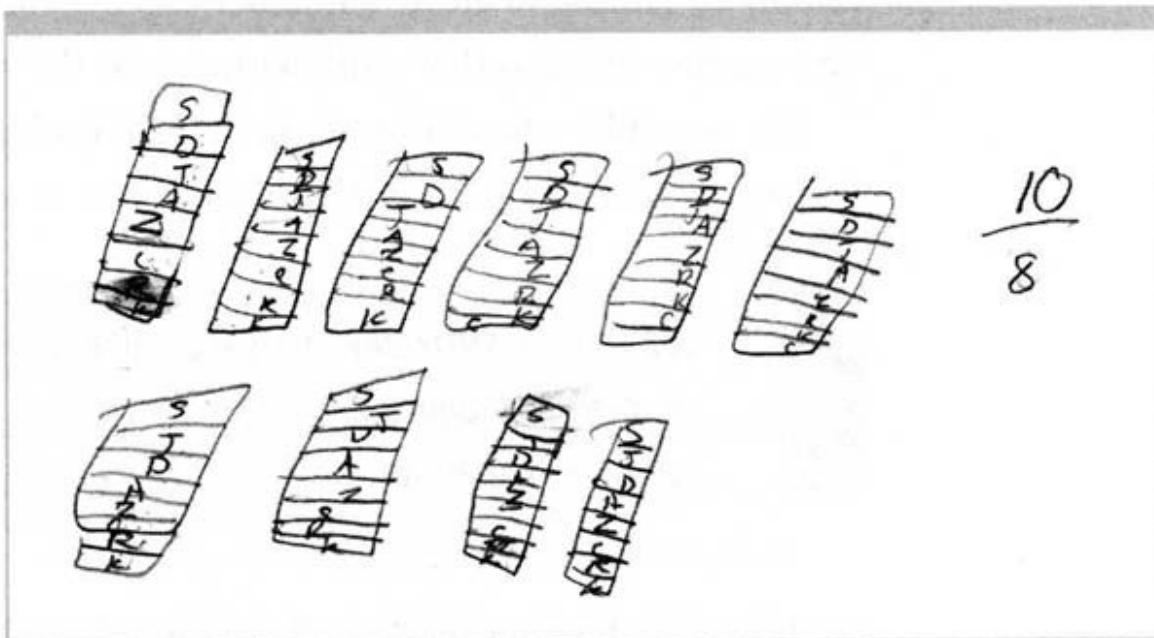


Figure 1-11.
Additive Coordination strategy, one item at a time