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Quick check questions

You can find the answers to these in the chapter.

- a What aspect of a class is captured on a CRC card?
- b How does a class deal with a responsibility that it cannot fulfil on its own?
- c What are the two types of interaction diagram?
- d What do interaction diagrams model?
- e Apart from the format, what is the difference between a scenario and a sequence diagram?
- f How are messages represented on sequence and collaboration diagrams?
- g What does the thin rectangle on an object's lifeline indicate?
- h List four ways in which collaboration diagrams differ from sequence diagrams.
- i What features of an operation are defined in specification by contract?
- j When is a decision tree or a decision table used to specify an operation?

Exercises

- 6.1 A mother is planning a birthday party for her son. She wants to invite his friends from school, but doesn't know where they all live, so she asks the form teacher for their addresses and phone numbers. She books a magician and buys lots of food and drink for the birthday tea. She makes the birthday cake herself, but has it iced by the local baker. Draw a CRC card to show the mother's responsibilities and whom she collaborates with to fulfil them.