# Activity sheet 3.46: Creating a flow chart for a cinema

*Learning outcome D: Planning and communication in digital systems*

*D1: Forms of notation*

A cinema entrance hall contains point-of-sale terminals where customers can buy tickets for films.

Use the following description of the ticketing system to draw a flow chart in the space below.

1. A customer wishes to purchase a ticket for a film rated as 15.
2. The ticketing system asks the customer to enter their date of birth.
3. The system calculates whether the customer is aged 15 or over.
4. If the customer is 15, or over 15, a message is displayed that says, ‘You are old enough to watch this film.’
5. If the customer is under 15, a message is displayed that says ‘Sorry, you are underage for   
   this film.’

(Your chart will end at this point.)