# Appendix 5.1A

## Context

Dimitri and Anouka just discovered a new application from which they can rent movies. An initial **payment of $4** is required to become a member. Afterwards, the cost for each movie rental is $5. So, if we include the membership fee, they would spend $9, $14, $19 and $24 after renting 1, 2, 3 and 4 movies.

1. Represent the situation using manipulatives. Show the amount spent after the membership fee and after having rent 1, 2, 3 and 4 movies.
2. Represent a membership card after the membership fee, and after renting 1, 2, 3 and 4 movies. On the membership card, a stamp represents $1 spent.
3. Describe the pattern rule observed with the membership cards.

4. Determine the amount of stamps on the membership card after renting 13 movies, describe their position and represent the card.

5. Determine the pattern rule that represents the cost according to the number of movies rented.