Two Children's Ages	
Problem wording	Carmen is the elder and Álvaro the younger of the two children in the problem. Carmen is 5 years older than Álvaro. Students are asked to find Carmen's age, based on Álvaro's. Function introduced: f(x)=x+5.
Purpose	• To foster the development of strategies to perform basic operations. • To identify correspondence and covariation relationships between the children's ages. • To express the functional relationship in general terms.
Suggestions for classroom delivery	The teacher introduces the task orally to the classroom, as a whole or to small groups, using the values presented in the problem. All students should be given manipulatives or other material to perform the respective operations. They should also be given a function table such as the one below to be filled in:

Álvaro's age	Carmen's age
3	
4	
5	
7	
15	
25	

Students are prompted to apply operational strategies and identify functional relationships by asking them questions such as:

- How old is Carmen when Álvaro is three?

- How old is Carmen when Álvaro is four?

- How old is Carmen when Álvaro is five?

They are also asked non-consecutive questions, such as:

- How old will Carmen be when Álvaro is seven?

- How old will Carmen be when Álvaro is 15?

- How old will Carmen be when Álvaro is 25?

After the students have answered questions like those in the foregoing examples, they should be induced to generalise the functional relationship identified with others, such as:

| | - How did you always do to figure out Carmen's age? |
| | - Do you see any link between Álvaro's age and Carmen's age? |