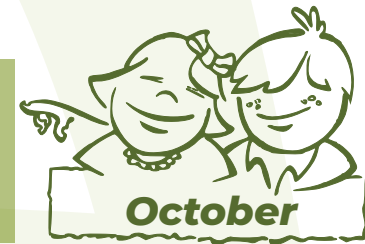


Preschool Monthly Problem

Physical Education



In physical education, the children practiced long jump and the girls practiced jumping rope.

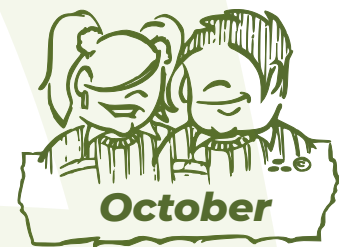
At the end of the hour the girls left the ropes in the place indicated by the teacher.



How many girls have been jumping rope?

Primary Monthly Problem

Salvation For All



The Torres family lives on an island formed by the Magdalena River many years ago. There they have built a hut and have their crops. There are five of them: the mother, the father, two children and the dog.

This year the winter has been prolonged and the river threatens to flood the island. One afternoon the alarm is sounded and they have to leave their home as soon as possible. To do so, they have a boat that can only carry 150 pounds. If each of the parents weighs 150 pounds, the two sons weigh 75 pounds each, and the dog weighs 50 pounds, how do they have to make the trips so that all five members of the family can be saved?

Keep in mind that, with the exception of the dog, all the other members of the family know how to row.



Secondary Monthly Problem

Perimeters



The rectangle **ABCD** has perimeter equal to **130 cm** and has been divided into nine rectangles.

The perimeters of the four rectangles on each side of the shaded rectangle are indicated inside.

Determine the perimeter of the shaded rectangle.

