

After-school training

This task is about using a Venn diagram to solve mathematical problems.

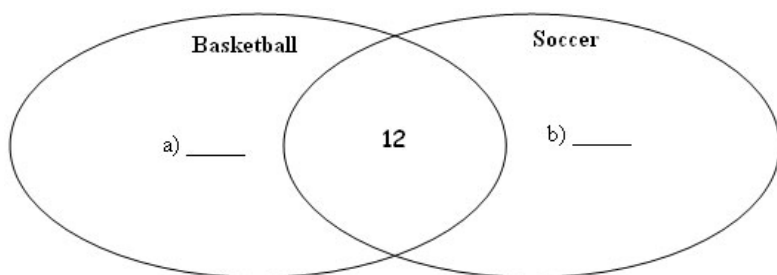


At Hardley School 32 of the children play sports after school. Some children play just soccer, some play just basketball, and some play both soccer and basketball.

Twelve children attend both soccer and basketball. The total number of children taking basketball is 18. Show your answers for a) and b) in the spaces provided in the Venn diagram below.

a) Fill in how many children play basketball but not soccer.

b) Fill in how many children play soccer but not basketball.



c) How many children in total play soccer? _____