

September 19th

In a year group of 170 students, 108 play football, 91 play rugby and 11 play neither.

How many play only rugby?



This can be done by drawing a Venn diagram, or a two way table.

However, it can also be done numerically:

$170 - 11 = 159$ students who play either sport or both

$108 + 91 = 199$

$199 - 159 = 40$ students who play both

$91 - 40 =$ **51 students play only rugby**