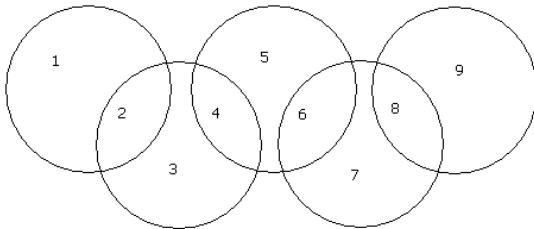


## POW – Problem of the week

### Week 9

#### Problem of the week for class 1-5

*Olympic rings for everybody !*



These are the rings of the Olympic games symbol; five rings overlapping one or two of the others.

They enclose 9 areas. I have given the areas numbers. Can you change the place of the numbers making the sum in each ring the same as in the other rings ?

#### Problem of the week for class 6-10

*Olympic rings for everybody !*

Watch the rings of the Olympic games symbol; five rings overlapping one or two of the others, and all “stick together” into one unit.

They enclose 9 areas.

What is the smallest/biggest amount of numbers these four rings can enclose if all rings have to overlap at least one of the others and they must all “stick together” ?

(How many different numbers of enclosures can you make ? )