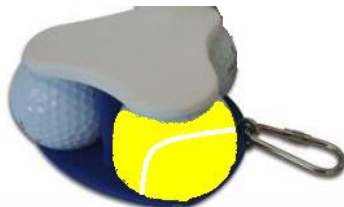


Ions Activity

During the vacation, Omar decided to reserve one day for practicing golf and tennis. He bought a ball holder where he put one tennis ball and two golf balls as shown in the figure.



- 1) At the court Omar met 24 of his friends. Each of them has a similar ball holder. How many dozens of ball holders are there in the court? Use a formula to give an answer.

- 2) What is the similarity between the ball holder and an ionic compound?

- 3) Give the formula that relates the number of moles to the number of formula units in an ionic compound.

- 4) How many units are there in 7mol of iron II chloride?

- 5) When one ball holder is opened, write what happens at the level of one ball holder and deduce what happens at the level of a dozen of ball holders.

- 6) When one unit of iron II chloride dissolves in water, write what happens at the level of one unit of iron II chloride and deduce what happens at the level of one mole of iron II chloride.
