



Arithmetic methods to solve problems

1. Ocna-Dej Salt Mine has extracted 48 wagons of salt during 4 days. How many wagons will be extracted during 6 days?
2. Anna took a box with 20 bags of salt, having the weight of 40 kg. She packed 15 bags of salt into another box. Find the weight of the second box!
3. For 10 cardboard box of salt the packing workshop used 20 g of glue. How much glue will be used for 3000 cardboard boxes?
4. The packing workshop form Ocna-Dej Salt Mine prepares bags of salt with iodine and pure salt bags. If we buy 2 bags of iodine salt and 3 bags of pure salt, we pay 13 lei (Romanian currency). If we buy 3 bags of iodine salt and 4 bags of pure salt, we pay 18 lei. How much does it costs one bag of iodine salt and one bag of pure salt?
5. 10 bags of marine slat and 3 bags of iodine salt costs 29 lei. 3 bags of marine salt and 7 bags of iodine salt costs 28 lei. How much will cost a bag of marine salt and a bag of iodine salt?
6. In two trucks are loaded with 38 ton of salt. If we move 3 tones from one truck to the other truck, both trucks have the same weight. Find the weight of each truck!
7. On a rack there are 20 bags of salt, having 2 kg or 5 kg. The entire rack support 46 kg of loading. How many bags of every type there are?
8. My bag has 10 packs of salt with 1 kg and 3 kg. If my bag weights 13 kg find how many packs of salt from each type I have?