

Quiz 11

1. How many grams of salt is in 30 grams of a 20% saline solution?
2. How many grams of water must be mixed with 10 grams of salt to produce a 25% saline solution?
3. How many ounces of a 10% acid solution must be added to 6 ounces of a 15% acid solution to produce a 12% acid solution?
4. Two pounds of nuts costing \$4 per pound are mixed with 3 pounds of nuts costing \$6 per pound. What is the price of the mixture per pound?
5. Peanuts cost \$3 per pound. Cashews cost \$5 per pound. How many pounds of peanuts must be mixed with 6 pounds of cashews to make a mixture of nuts that costs \$4.50 per pound?