

3. A 1% solution should be mixed with a 4% solution to get 75 ml of 2% solution. How much of each must be used?
4. A 60% acid solution must be mixed with a 75% acid solution to get 20 liters of a 72% solution. How much of each must be used?
5. A candy mix sells for \$2.20 per kilogram. It contains chocolates worth \$1.80 per kilogram and other candy worth \$3.00 per kilogram. How much of each are in 15 kilograms of the mixture?

6. How many kilograms of a 4% solution of borax and a 12% solution of borax be mixed together to obtain 3 kg of a 10% solution of borax?

7. A merchant wishes to mix candy worth \$5 per pound with candy worth \$2 per pound to get 60 pounds of a mixture that can be sold for \$3 per pound. How many pounds of each type of candy should be used?

8. A merchant wishes to mix some candy worth \$1.50 a pound with some candy worth \$5.50 a pound to get 240 pounds of candy worth \$3.50 per pound. How many pounds of the \$5.50 candy should she use?