

## Mixture Problems

1. How much pure disinfectant must be added to 30 gallons of an 8% solution to increase its strength of 25%?
2. The radiator of an automobile already contains 12 quarts of a 10% solution of alcohol. How much alcohol must be added to make a mixture of 20% alcohol?





7. A grocer wishes to mix \$120 tea with \$1.50 tea to make a mixture of 60 pounds worth \$1.30 a pound. How many pounds of each kind must he mix?

