



# Literal Equations



$$\%(1st) \cdot \%(2nd) = \%(1st + 2nd)$$

Ex1) If you have 50 ml of solution with 25% acid. How much water needs to be added to make a solution with 10% acid?

Ex2) If you add 15ml of water to 75ml of 40% acid. What is the % of acid in the new solution?

Ex3) If you add 15ml of acid to 75ml of 40% acid what is the % of acid in the new solution?

Ex4) How many ounces of acid should be added to 200 oz. of 50% acid to make a solution with 75%?