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Homework #3

**Solving for Equation**

* Let A ={}
* Let B = {
* Let C =
* , ,
* Sum of ((Sum of A) U (Sum of B) \ (Sum of C))
* 3\*(1+2+3+…+333) + 7\*(1+2+3+…+142) - 21(1+2+3+…+47)
* 166833 + 71071 – 23688 = 214216 is the sum.
* 9 multiplications, 3 divisions, 1 addition, 1 subtraction

(+3 divisions if you include finding digits between n),

**Optimizing Equation**

* )
* 7 multiplications, 4 additions, 1 subtraction

(+3 divisions if you include finding digits between n)

* 333666 + 142142 – 23688 = 214216

**Porting Equation**

* (A Union B) Intersect (Complement D)