Discount for Eid

Mr. Jalil goes to Bashundhara Shopping Mall for Eid Shopping with his wife , son and daughter. For expanding the advertisement and selling products maximum shops in Bashundhara Shopping Mall give discount.

So like other shop the famous brand of Bangladesh "Arong" also gives discount and Mr. Jalil goes there for shopping. Their discount system is like as if total costing is at least 10000 they also get discount 20% from total costing, and if total costing is at least 7500 they get 10% discount.

As you are a programmer , Find the total amount Jalil will pay.

Input:

First line indicates how many test case(<=10000). Second line there are four integer which indicates Mr Jalil , his wife, his son and daughter's cost. All the number is less than 100000;

Output :

Print "Case t: x", without quotes where t indicates test case and x indicates desired result. Ignore the fraction part.

Sample Input	Sample Output
4	Case 1: 1000
100 200 300 400	Case 2: 7200
1000 2000 2500 2500	Case 3: 8820
2000 3000 3000 1800	Case 4: 9520
1500 2500 3700 4200	

Problem Setter:

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