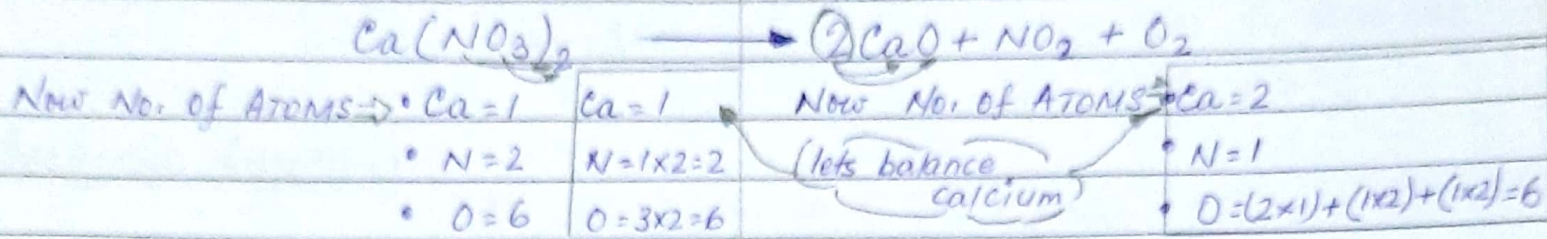


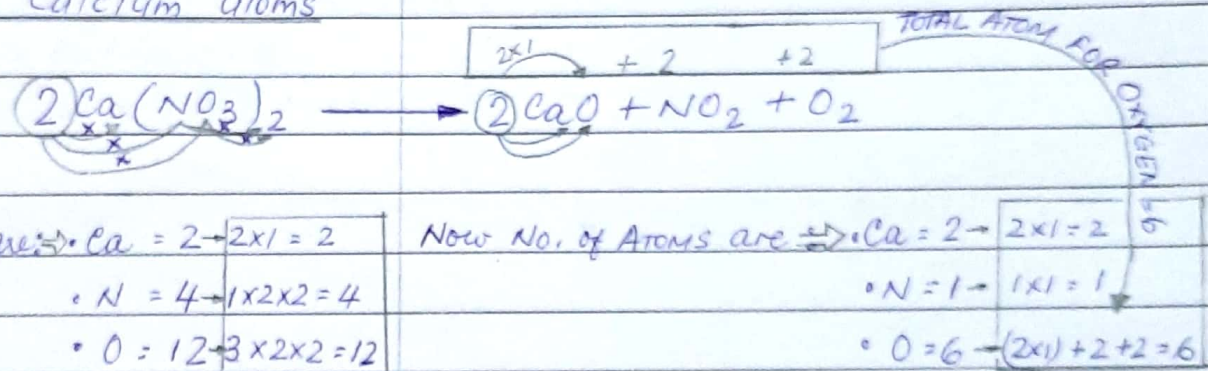
1(A) Balance the Oxygen atoms



(Oxygen seems to be balanced for now)

Lets Balance Ca now

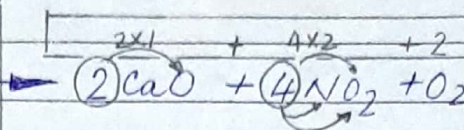
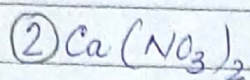
1(B) Balance the Calcium atoms



(Calcium seems to be balanced for now)

Lets Balance Nitrogen, Maybe Oxygen will also balance.

2. Balance the NITROGEN atoms



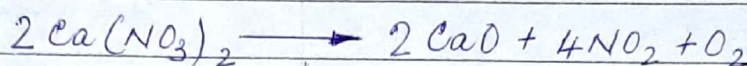
Now No. of Atoms are:

Ca = 2	$2 \times 1 = 2$
N = 4	$1 \times 2 \times 2 = 4$
O = 12	$3 \times 2 \times 2 = 12$

Now No. of Atoms are:

Ca = 2	$2 \times 1 = 2$
N = 4	$4 \times 1 = 4$
O = 12	$(2 \times 1) + (4 \times 2) + (1 \times 2)$
O = 12	

BALANCED Equation



∴ No. of atoms of each element (REACTANTS) = No. of atoms of each element (PRODUCTS)

Try and balance the chemical Equation given below;

