Q)

Pseudo Code:
1) First intialize t
2) And applying a loop on t,
3) Intialize cat ,dog , leg , min
4) Perform a check which is if(2*dog >= cat) then put 4*dog in min
5) else if(2*dog<cat) then min=4*(cat-dog);
6) And further applying a check if (leg>= min && leg<=4*(dog+cat) && leg%4==0), then print yes else no

Implementation:
```c
#include <stdio.h>
int main()
{
int t,i;
scanf("%d",&t);
for(i=0;i<t;i++)
{
   long long int c,d,l,min;
   scanf("%lld %lld %lld",&c,&d,&l);
   if(2*d>=c)
      min=4*d;
   else if(2*d<c)
      min=4*(c-d);
   if(l<min)
      printf("no\n");
   else if(l%4!=0)
      printf("no\n");
   else if(l>= min && l<=4*(d+c) && l%4==0)
      printf("yes\n");
   else
      printf("no\n");
}
return 0;
}
```