7.
$$k = 3$$

All integer between 30 < N < 180

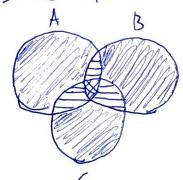
Az set of h divisible by 10

B = set of n divisible by 12

C= set of n dissible by 18

Set of a divisible by any of there there is AUBUC

HELDER HEREN HARDEN HARDEN



Looking for 14UBUC1

1AUBUE1= 1X1+1B1+1C1-1ANB1-1ANC1-1BNC1

1ANO1=2 1BNO1=365 1ANBNO1=1 140Bl=3 180/LUM(10, 14, 14) 130/2cm(10,13) 130 2cm(18,13) 180/LCM(10,12) d

1AUBUC = 16+13+9-3-2-5+1

= 38 - 30 + 10 + 1= 39 - 10 = |29|