=> 5 × 3x + 6. × 7 => 15x+6x

COST OF Brown=n

cost of black = 37

no . 04 black = 5

no of blam = 6

5.

```
=> 36x +5x= 2 (13x +6x)
       => 36×45× => 30× +26×
            bx = 25 x
           7b=257
3.Am :- 1
 let toral people = n
   ut sooal handshabes = 24
      total ways - hand shares => ncn-1) => 24
8. 5 dasks, 5 persons
      TI + PIOS P2 7 ango to P3, Pups -> 3 persons
      72 = only Psul Py -> 2 Operans
    3 dastes to remaining 3 people -> 3!=6
      (3×2-1) ×6= (6-1)×6= 5×6=30
                 ledders = 11 Vowers= a, e, a, i
     3) Vowers = 12000
1. mashe matics
                                  4 Vacers
                 Vowers -> 0/ A
· OPTICAZ
        5. Unix = 5! = 120 3:=6
                      5)120× 6
                      =)720
```

30×20 30×29 => 435 $\frac{11. \quad ncn-1}{2} = 3$ 30 people > 10cy = 10x 3x8x2 => 210 12. LOGARITHMS > 11 = 24 => 210x24 = 5040 3 boys, 2gills 391818, 26043 2 boys from 4 2A + 2W 3 UC2 3 6 291918 from 5 3A(+2W 3) S(2 3)10 14. choose: 506×10=60 2c1 x3c1 => 2x3=>6 => 6x6=>36 3c1 x2c1 => 3x2=> 6