## **Counting**

1. How many different 3-digit numbers can be created using the digit 2 and 7 only?

222

227

272

277 8 Possibilities

722

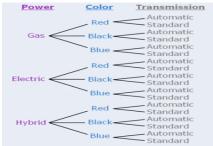
727

772

777

2. In how many ways can 6 identical coins be distributed among Acx, Bea,

3. How many different cars are possible? If Power (Gas, Electric, Hybrid) then color (Red, Black, Blue) and the transmissions are (Automatic, Standard)



TOTAL 18 Possibilities = 3 (power) x 3

(Color)x 2 (Trans)

4. 2 girls and 3 boys. In how many different ways can all five children be seated in a row if the girls must sit on the end chairs?