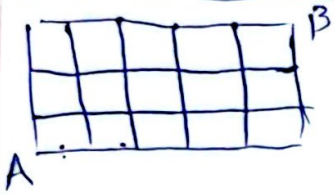


لترتيب
 $\frac{4!}{2!2!} = 6$ (14)

(15) ترتيب جوائز $\frac{4!}{2!2!} = 6$

(16) $111 \rightarrow 1 / 112 \rightarrow 2 / 113 \rightarrow 3 / 123 \rightarrow 4 / 133 \rightarrow 5$
 $222 \rightarrow 3$
 $1+2+2+4+3+3 = 15$



~~3x3 + 2x2 + 1x1~~

(17) $\binom{4}{2} \times \binom{4}{2} = \frac{4 \times 3}{2} \times \frac{4 \times 3}{2} = 18 \times 2 = 36$

(18) $\frac{4!}{2!2!} = \frac{4 \times 3 \times 2}{2 \times 2} = 3$

(19) 3×2

(20) $2 \times 2 + 2 \times 2 + 1 \times 2 = 4 + 4 + 2 = 10$