

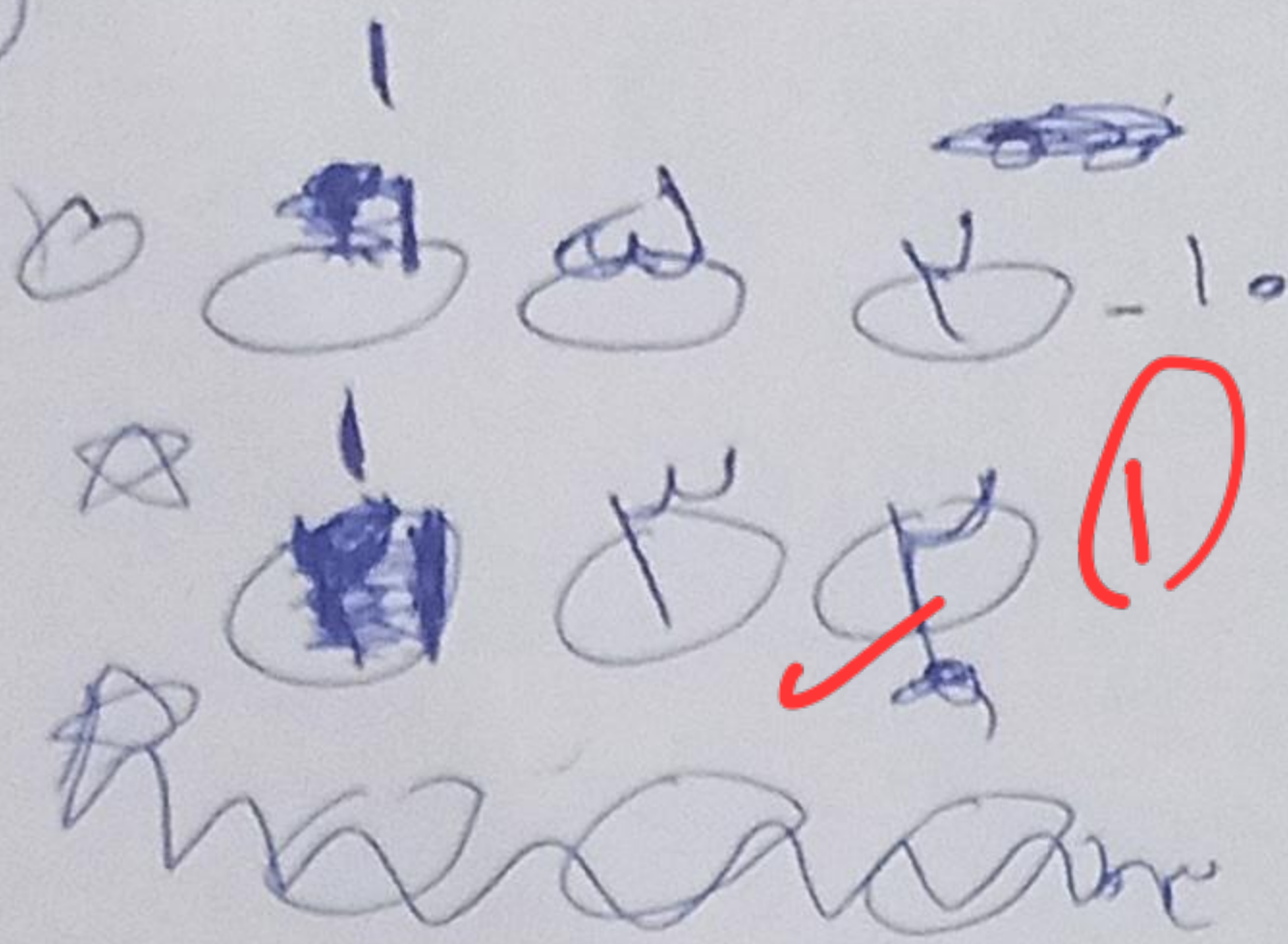
بسم الله الرحمن الرحيم

مکمل / کم / زیاد / مساوی

۱۵/۲۵

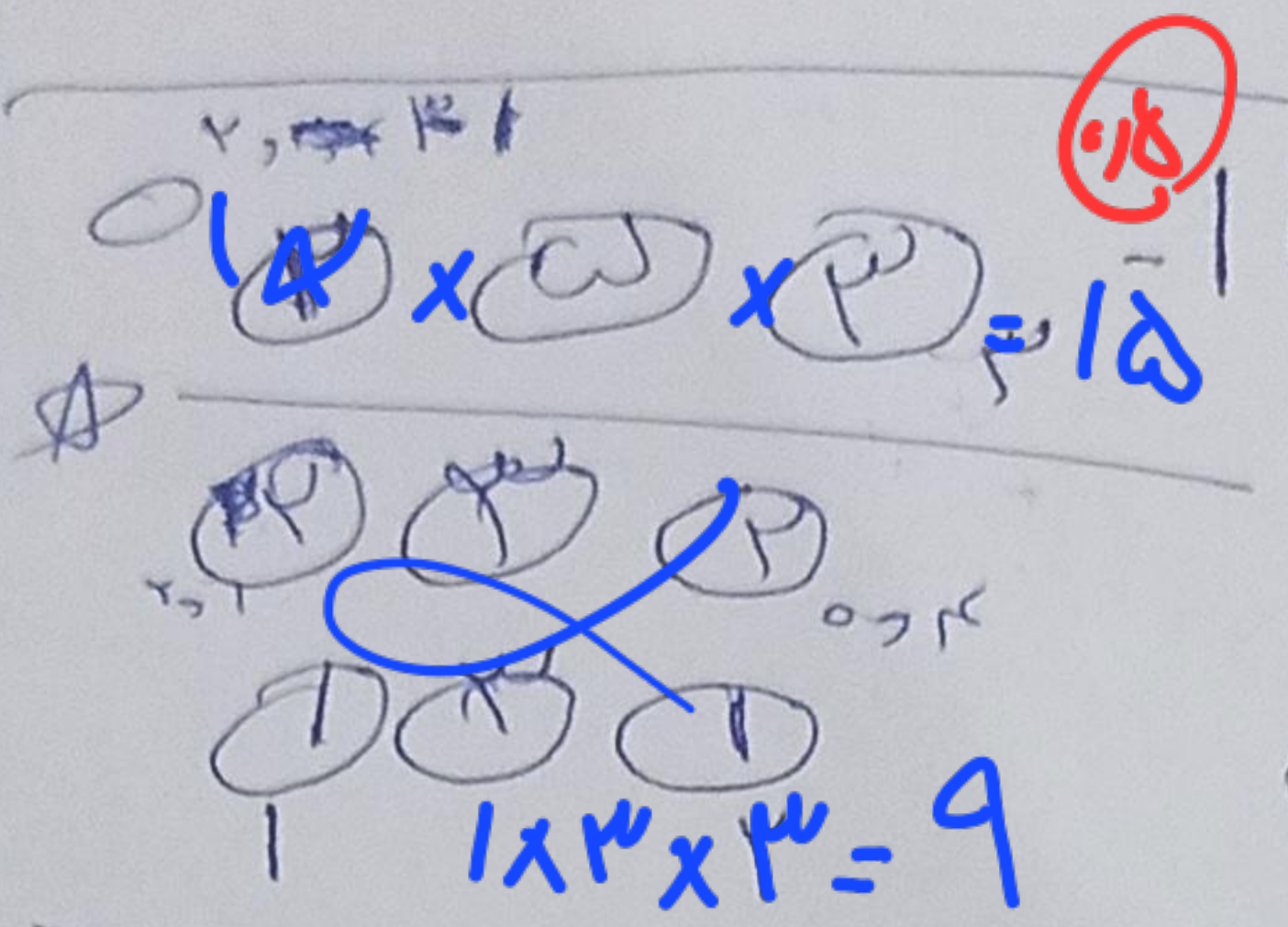
☆ بیکسار
☆ ۱۵/۲۵

$\binom{4}{1} \binom{4}{2}$
 $\Rightarrow 4 \times 6 = 24$



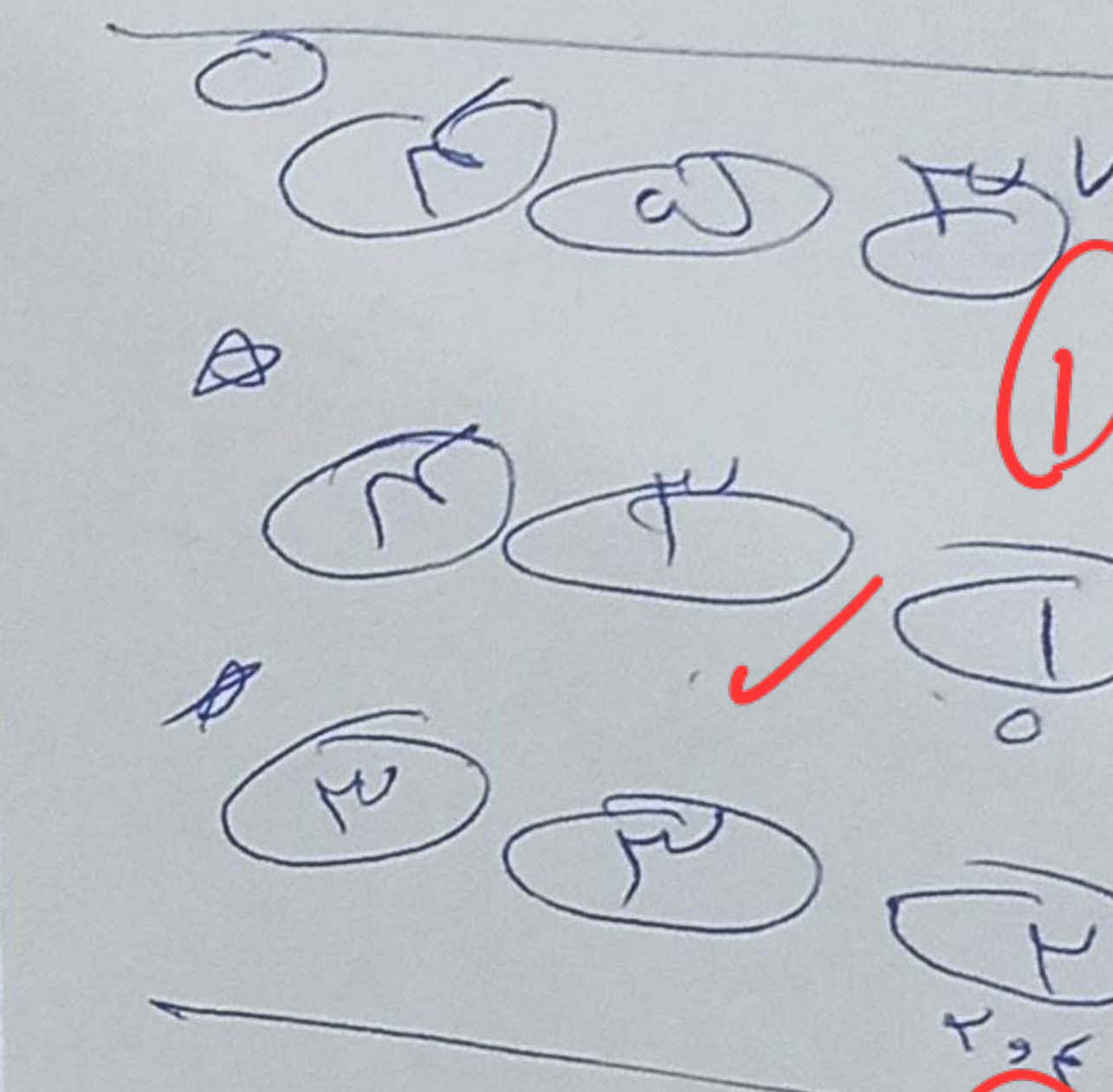
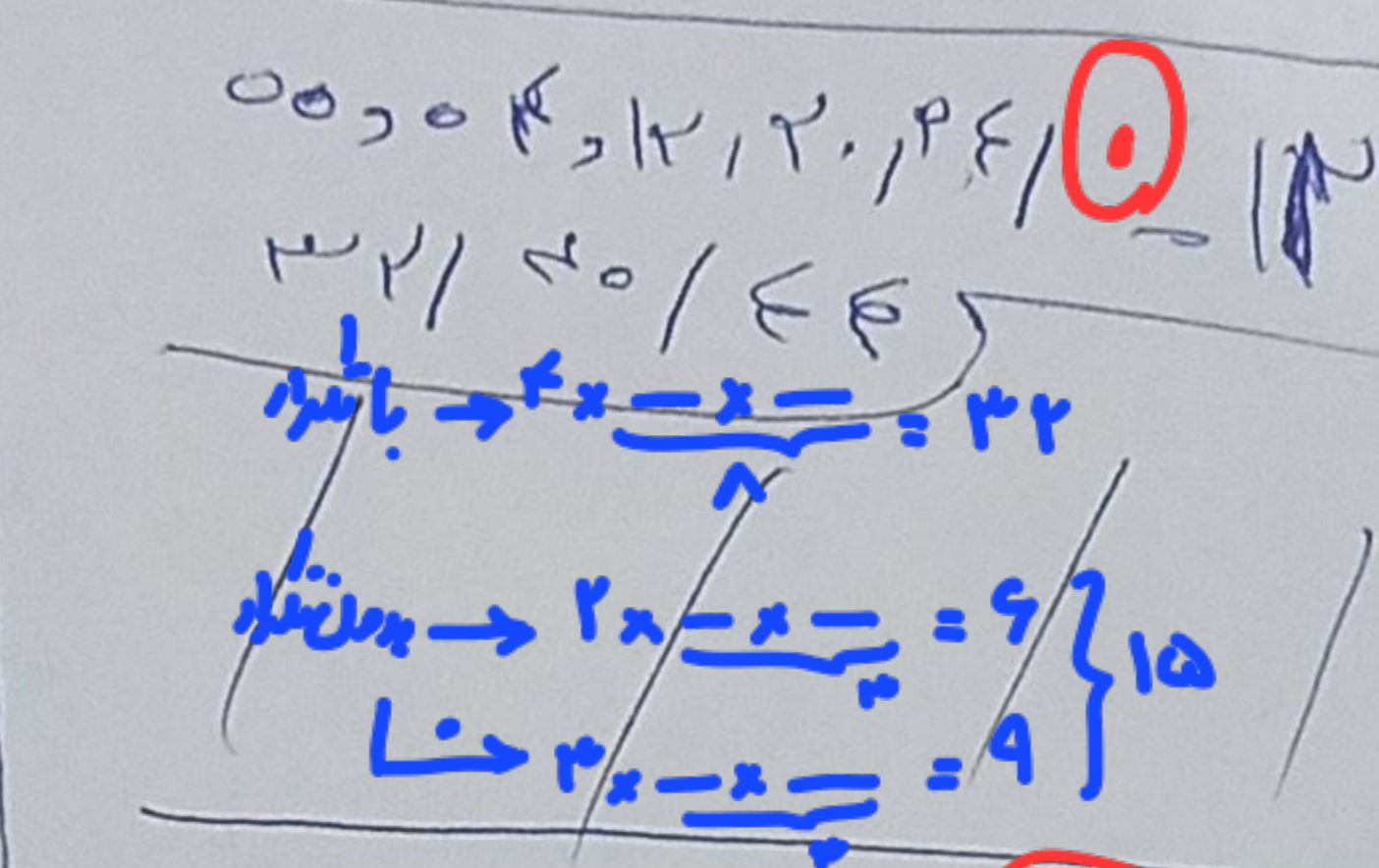
$1! \times 4!$
 $1! \times 4! = 24$
 $1! - (1! \times 4! + 1! \times 4!)$

$\binom{1}{1} = \frac{1 \times 0 \times \dots}{1 \times 1} = 1$

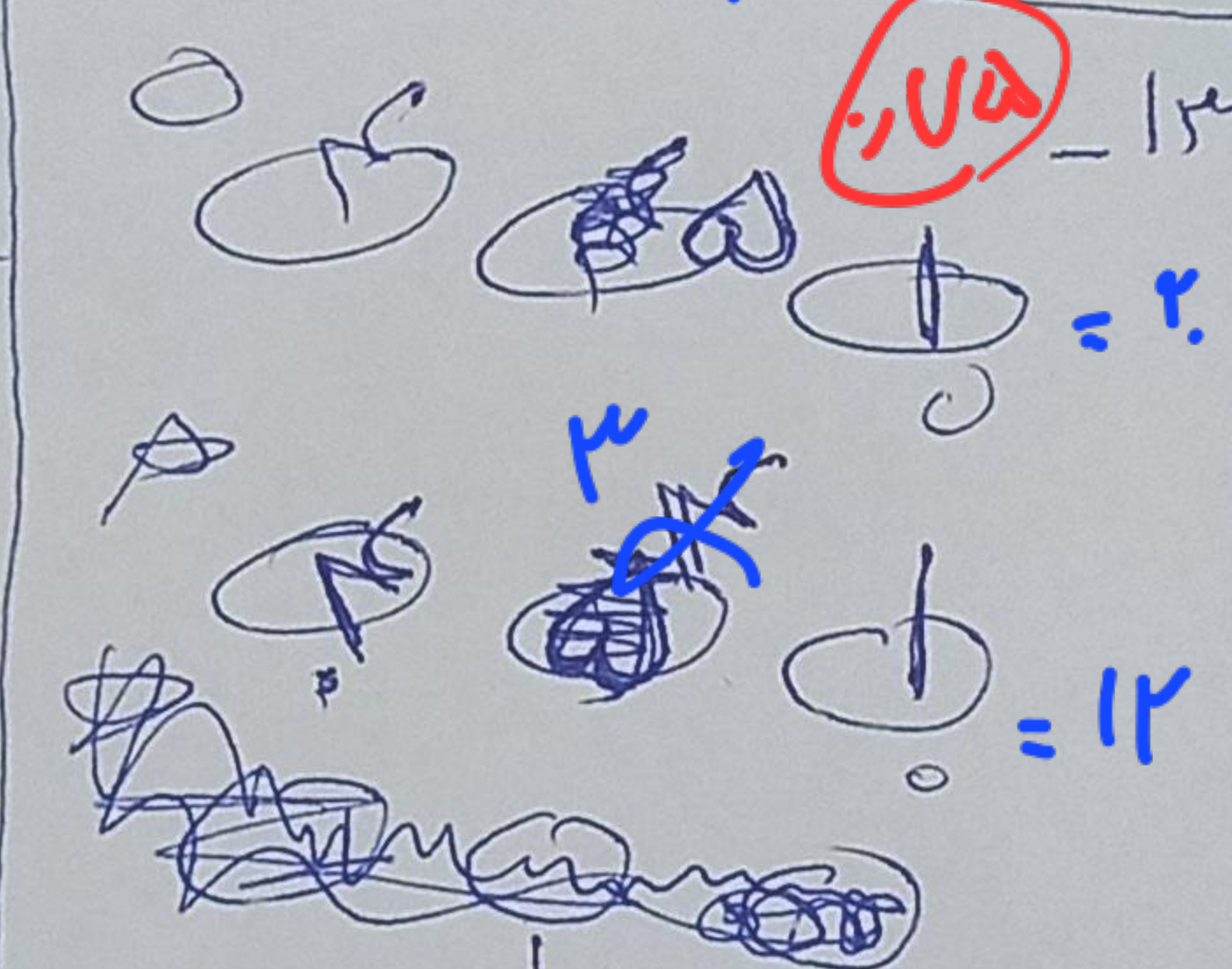


$1! \times 4! = 24$
 $2! \times 3! = 12$
 $3! \times 2! = 12$

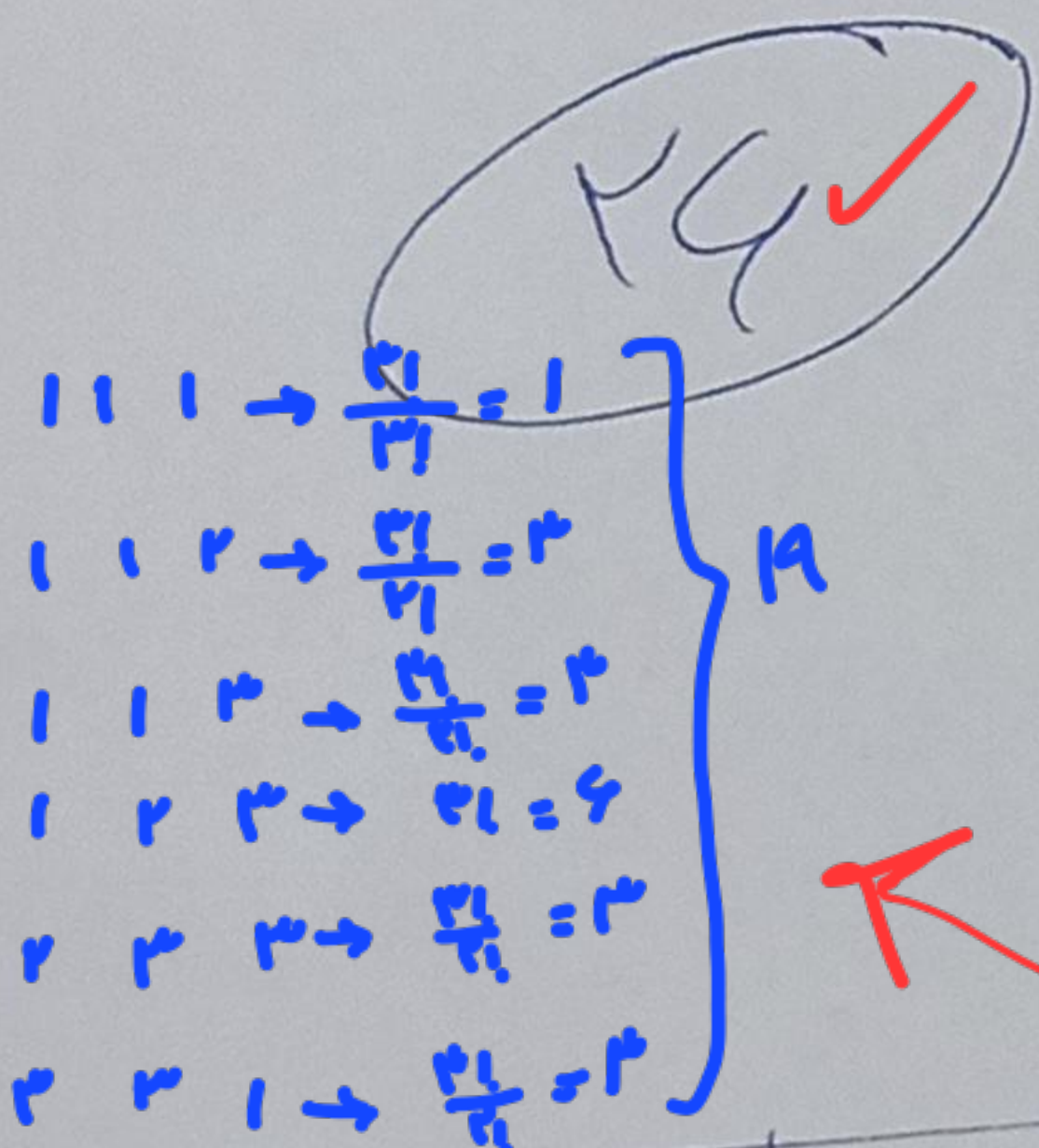
$\binom{2}{1} = 2$



$\binom{2}{2} = 1$



$2! \times 2! = 4$
 $3! \times 1! = 6$
 $4! \times 0! = 24$



$\frac{4!}{1! \times 3!} = 4$

- 111 -> 1
- 112 -> 3
- 122 -> 3
- 222 -> 1

- 123 -> 6
- 133 -> 3
- 233 -> 3
- 333 -> 1

- 1111 -> 1
- 1112 -> 4
- 1122 -> 6
- 1222 -> 3
- 2222 -> 1

- 1113 -> 4
- 1133 -> 3
- 1333 -> 3
- 2223 -> 3
- 3333 -> 1

