

لهم دفتر B

سری ۲۹

صاریت‌الین الرعایا

Subject:

Year: Month: Day:

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$$\binom{9}{4} \times 4! = \frac{9!}{2!4!} \times 4! = 360 \quad (4) \quad 9_0 = \frac{9!}{2} \quad (13) \quad 12_0 = (9!) = 362880 \quad (2) \quad 4_0 = 9! \quad (1)$$

$$\binom{9}{5} \times 5! = 288 \quad (14) \quad \binom{9}{4} \times \frac{3!}{2} = 45 \quad (9) \quad \binom{9}{4} \times 3! = 90 \quad (15)$$

$$\frac{9!}{3!} = 120 \quad (12) \quad 3! \times 4! = 72 \quad (11) \quad 12_0 = \frac{9!}{2!} \quad (10) \quad 6! \times 2! = 240 \quad (8) \quad 12_0 = 6! \quad (7)$$

$$6! \times 6! \times \binom{9}{5} \quad (17) \quad 2! \times 6! \times 6! \quad (16) \quad 9! \times 6! \quad (15) \quad 18_0 = \frac{9!}{2!2!} \quad (14) \quad 12_0 = \frac{9!}{3!} \quad (13)$$

$$6! \times 4! \quad (6) \quad 6! \times 6! \times 2! \quad (18) \quad 1_0 = (6! \times 6! \times 6) = 6! \times 9! \quad (18)$$