

رہا موسوی / تالیف ۲۹ / لکھنؤ دہم دفتر A

41 = 120

1

$(n-1)! = 120 = 120$

2

$\frac{(n-1)!}{2} = \frac{120}{2} = 60$

3

$\binom{4}{2} \times 120 = 360$

4

$\binom{4}{3} \times 120 = 960$

5

$\binom{4}{4} \times 120 = 120$

6

$\binom{4}{3} \times 120 = 3 \times 120 = 360$

7

a, b, e, f, (d, c) $\Rightarrow 120 = 120$

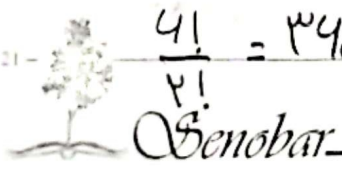
8

a, b, e, f, (c, d) $\Rightarrow 120 \times 2 = 240$

9

$\frac{4!}{2!} = 120$

10



$$a b f \text{ (c, d, e)} \rightarrow 4! \times 3! = 144$$

11

$$\frac{4!}{3!} = 120$$

12

$$\frac{4!}{3!} = 120$$

13

$$\frac{4!}{2! \times 2!} = 110$$

14

$$00000 \text{ (●●●●●)} \rightarrow 4! \times 5! = 14400$$

15

$$5! \times 5! \times 2! = 211200$$

16

$$5! \times \binom{4}{5} \times 5! = 14400$$

17

$$10! - (5! \times 4!) - 5! \times \binom{4}{5} \times 5! = 1440000$$

18

$$2! \times 5! \times 5! = 211200$$

19

$$5! \times 2! = 21120$$

20