

هيا عرب

1)  $\frac{3! \times 4!}{111}$

2)  $\frac{4! \times 7!}{\binom{1}{4}}$  - 1 - 1 - 1 - 1 - 1

3)  $\frac{4! \times 4!}{111} - \frac{4! \times 4!}{111} - \frac{4! \times 4!}{111}$

4)  $\frac{4! \times 4!}{2! \times 4!} \times \frac{4! \times 3!}{4! \times 3!}$

5)  $\frac{4! \times 4!}{111} \times \frac{4! \times 4!}{111}$

6)  $\frac{4 \times 5 \times 5}{3} = 111$  (بناکار)   
  $\frac{4 \times 5 \times 3}{3} = 48$  (بیونکار)

7)  $\frac{4 \times 5 \times 3}{3} = 6$  (بناکار)   
  $\frac{4 \times 3 \times 1}{3} = 12$  (بیونکار)   
  $\frac{3 \times 3 \times 2}{3} = 18$  (بیونکار)

8)  $\frac{4 \times 5 \times 2}{3} = 4$  (بناکار)   
  $\frac{3 \times 3 \times 2}{3} = 18$  (بیونکار)

9)  $\frac{4 \times 5 \times 3}{3} = 29$  (بناکار)   
  $\frac{1 \times 3 \times 1}{4} = 10$  (بیونکار)

10)  $\frac{1 \times 5 \times 2}{3} = 10$  (بناکار)   
  $\frac{1 \times 3 \times 2}{3} = 6$  (بیونکار)

11)  $\frac{1 \times 5 \times 3}{3} = 10$  (بناکار)   
  $\frac{1 \times 3 \times 3}{3} = 9$  (بیونکار)

سوال 12:  $\frac{5!}{x} = 12$

سوال 12:  $5! = 120$  و  $120 \div 10 = 20$  و  $120 \div 15 = 8$  و  $120 \div 20 = 6$  و  $120 \div 24 = 5$  و  $120 \div 30 = 4$  و  $120 \div 40 = 3$  و  $120 \div 60 = 2$  و  $120 \div 120 = 1$

12) سوال:  $\frac{5!}{x} = 10$  و  $\frac{5!}{x} = 9$  } 10

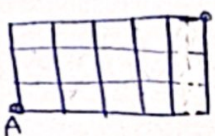
سوال 13:  $\frac{4!}{x} = 2$

13) سوال:  $\frac{4!}{x} = 12$

14)  $\frac{6!}{3! \times 2!} = ?$

15)  $\frac{6!}{2! \times 2!} = ?$

16)  $111, 112, 113, 123, 133, 233$   
 $111 \rightarrow 101$   
 $112 \rightarrow 102$   
 $113 \rightarrow 103$   
 $123 \rightarrow 120$   
 $133 \rightarrow 130$   
 $233 \rightarrow 203$  } -19

17)   $\binom{6}{2} \times \binom{4}{2} = ?$

18)  $\frac{8!}{5! \times 2!} = ?$

19) سوال:  $\frac{6!}{2! \times 2!} = ?$

20)  $10 + 1 + 4 = 15$   
 $\downarrow \quad \downarrow \quad \downarrow$   
 $1 \times 1 \quad 1 \times 1 \quad 1 \times 1$