

شش شش شش ررر  $7! \times 4! \checkmark$  (1)

$7! \times \binom{1}{4} \times 4! \checkmark$  (1)

حده  $7! \times 4!$  هیچ  $7! \times \binom{1}{4} \times 4!$  (10)  
 $11! - (7! \times 4!)$   $11! - ((\binom{1}{4}) \times 4! + 7! \times 4!)$  3

شش شش شش شش شش شش  $2! \times 4! \times 4! \times 3! \checkmark$  (1) 4

شش شش شش شش شش شش  $2! \times 3! \times 2! \times 4! \times 4! \checkmark$  (1) 5

بآنگار  $\frac{4 \times 5 \times 5}{4} = 100$  بدون تکرار  $4 \times \frac{4}{4} \times 3 = 48$  (1) 6

بآنگار  $\frac{4 \times 5 \times 3}{4} = 60$  بدون تکرار  $\frac{4}{4} \times \frac{3}{3} \times \frac{1}{1} = 12$  (1) 7  
 $\frac{3}{3} \times \frac{1}{3} + \frac{2}{2} = 30$   
 $\frac{3}{3} \times \frac{3}{3} \times \frac{2}{2} = 18$  (1)

بآنگار  $\frac{4 \times 5 \times 2}{4} = 60$  بدون تکرار  $\frac{3}{3} \times \frac{3}{3} \times \frac{2}{2} = 18$  (1) 8

بآنگار  $\frac{2 \times 5 \times 3}{4} = 30$  بدون تکرار  $\frac{1}{3} \times \frac{3}{3} \times \frac{3}{3} = 9$  (1) 9  
 $\frac{1}{4} \times \frac{3}{3} + \frac{2}{2} = 15$   
 $\frac{1}{4} \times \frac{3}{3} \times \frac{2}{2} = 6$  (1)

بآنگار  $\frac{1 \times 5 \times 2}{4} = 10$  بدون تکرار  $\frac{1}{4} \times \frac{3}{3} \times \frac{2}{2} = 6$  (1) 10

حل السؤال الأول:  $\frac{1}{1} \times \frac{2}{0} \times \frac{3}{2} = 10$  السؤال الثاني:  $\frac{1}{1} \times \frac{3}{2} \times \frac{4}{3} = 11$

حل السؤال الثالث:  $(6) \times (8) = 48$

~~1/1 1/2 1/3 1/4 1/5 1/6 1/7 1/8 1/9 1/10 1/11 1/12~~ = 12

حل السؤال الرابع:  $(2) \times ( ) = 4$   
 $(3) \times ( ) = 9$   
 + = 10

(1)

حل السؤال الخامس:  $\frac{1}{0} \times \frac{2}{1} \times \frac{3}{2} = 30$  السؤال السادس:  $\frac{1}{0} \times \frac{3}{2} \times \frac{4}{3} = 11$

$\frac{4!}{2! \times 2!} = 6$

(1)

حذف 1  $\Rightarrow \frac{5!}{2! \times 2!} = 30$  حذف 2  $\Rightarrow \frac{5!}{3! \times 2!} = 10$  حذف 3  $\Rightarrow \frac{5!}{4!} = 5$   
 $30 + 10 + 5 = 45$

(1)

1 1 1  $\Rightarrow \frac{3!}{1! \times 1! \times 1!} = 6$  1 2 3  $\Rightarrow \frac{3!}{1! \times 1! \times 1!} = 6$   $1+2+3+4+5+6 = 21$   
 1 1 2  $\Rightarrow \frac{3!}{1! \times 1! \times 1!} = 6$  1 3 3  $\Rightarrow \frac{3!}{1! \times 1! \times 1!} = 6$   
 1 1 3  $\Rightarrow \frac{3!}{1! \times 1! \times 1!} = 6$  2 3 3  $\Rightarrow \frac{3!}{1! \times 1! \times 1!} = 6$

(1)

$\binom{6}{2} \times \binom{6}{2} = \binom{6}{2} \times \binom{6}{2} = \frac{6 \times 5}{2!} \times \frac{6 \times 5}{2!} = 15 \times 15 = 225$

(1)

$\binom{1}{3} = \binom{1}{0} = \frac{1 \times 1 \times 1}{3!} = \frac{1}{6}$

(1)

$10 + 8 + 6 = 24$

(1)