

$\sqrt{1}$ 

$$\text{Ombem: } P_{(N+100)}$$

 $\sqrt{2}$ 

$$\text{Ombem: } C_{N+100}^5$$

 $\sqrt{3}$ 

$$\text{Ombem: } A_{N+100}^3$$

 $\sqrt{4}$ 

$$\text{Ombem: } C_{N+200}^{27}$$

 $\sqrt{5}$ 

$$\text{Ombem: } P(15)$$

 $\sqrt{6}$ 

$$\text{Ombem: } A_{N+10}^3$$

 $\sqrt{7}$ 

$$\text{Ombem: } A_{N+5}^3$$

 $\sqrt{8}$ 

$$\text{Ombem: } A_{N+20}^{20}$$

 $\sqrt{9}$ 

$$\text{Ombem: } P(N+15)$$

$$\text{Problem: } A_{N+12}^{12} \quad \sqrt{10}$$

$$\text{Problem: } C_{N+10}^3 \quad \sqrt{11}$$

$$\text{Problem: } C_{N+23}^3 \quad \sqrt{12}$$

$$\text{Problem: } C_n^r \cdot C_{n-r}^s \cdot C_{n-r-s}^t \quad \sqrt{13}$$

$$\text{Problem: } C_n^r \cdot C_{n-r}^s \cdot C_{n-r-s}^t \quad \sqrt{14}$$

$$\text{Problem: } C_n^r \cdot C_{n-r}^s \cdot C_{n-r-s}^t \quad \sqrt{15}$$

$$\text{Problem: } C_n^r \cdot C_{n-r}^s \cdot C_{n-r-s}^t \quad \sqrt{16}$$

$$\text{Problem: } C_n^r \cdot C_{n-r}^s \cdot C_{n-r-s}^t \quad \sqrt{17}$$

$$\text{Problem: } C_n^r \cdot C_{n-r}^s \cdot C_{n-r-s}^t \quad \sqrt{18}$$

$$\text{Problem: } C_n^r \cdot C_{n-r}^s = C_{n-r-s}^t \quad (r=2; s=2; t=4) \quad \sqrt{19}$$

Problem:  $C_n^r \cdot C_{n-r}^s \cdot C_{n-r-s}^t$  ( $r=1; s=2; t=3$ )  
n/2+1

Problem:  $n^1 \cdot n^2 \cdot n^3 \cdot \dots \cdot n^{28}$