Binomial Thesen Shows you have to expand $(a+b) = 10^{1} + 16^{1}$ $(a+b)^{2} = 10^{2} + 2ab + 16^{2}$ $(a+b)^{3} = 10^{2} + 3a^{2}b + 3ab^{2} + 16^{3}$ $(a+b)^{4} = 10^{4} + 4a^{2}b + 6a^{2}b^{2} + 4ab^{2} + 16^{3}$ $(a+b)^{5} = 10^{4} + 10^{3}b^{2} + 10a^{2}b^{2} + 5ab^{4} + 16^{3}$ $(a+b)^{5} = 10^{4} + 10^{3}b^{2} + 10a^{2}b^{2} + 5ab^{4} + 16^{3}$ Coefficients Blaise Pascal

[3 3]

[4 6 4]

[5 10 10 5]

[6 15 20 15 6]

[6 15 20 15 6] 6th row: if you have 6 diff hits 6(0= | ((= | 5 6(3=20 5 Cy=15 6 = 6

$$|et \alpha = 1 (1+b) = \sum_{k=0}^{\infty} (k) = (1+nb+nb)^{2} + nb + nb = 1 + nb +$$

$$\frac{5}{5},0000(1+\frac{04}{12})^{12}t_{15},\frac{36}{51}(\frac{1}{1}+\frac{0.14}{12})^{12}=|5000|$$

$$\frac{1}{2} = \frac{1}{2} = \frac{1}$$