

SPECIAL PRODUCTS

KNOWLEDGE FOR THE WORLD



TEXAN
GLOBAL SCHOOL
Global Online Learning

NEWTON'S BINOMIAL

$$(a+b)^0 =$$

$$(a+b)^1 =$$

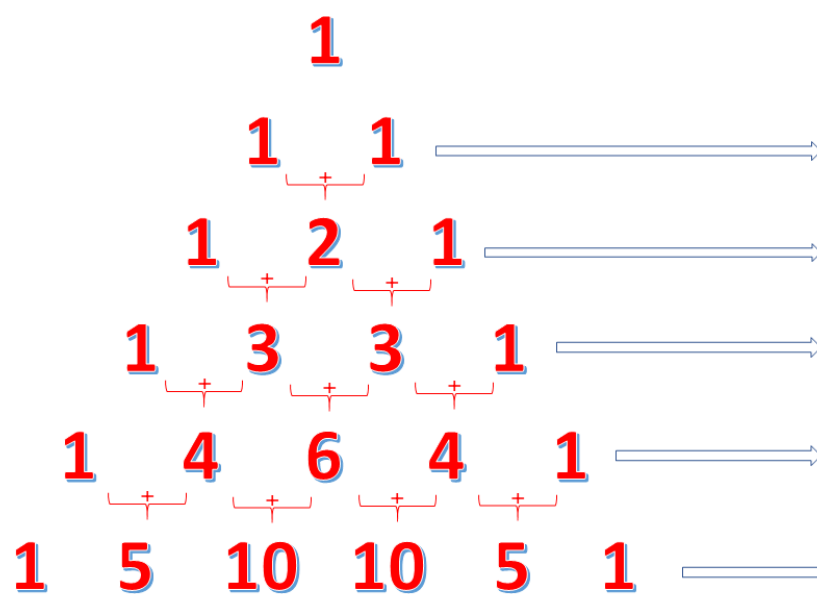
$$(a+b)^2 =$$

$$(a+b)^3 =$$

$$(a+b)^4 =$$

$$(a+b)^5 =$$

PASCAL'S TRIANGLE



EXPANSION

$$\bullet a+b \bullet a-b$$

$$\bullet a^2+2ab+b^2 \bullet a^2-2ab+b^2$$

$$\bullet a^3+3a^2b+3ab^2+b^3 \bullet a^3-3a^2b+3ab^2-b^3$$

$$\bullet a^4+4a^3b+6a^2b^2+4ab^3+b^4$$

$$\bullet a^4-4a^3b+6a^2b^2-4ab^3+b^4$$

$$\bullet a^5+5a^4b+10a^3b^2+10a^2b^3+5ab^4+b^5$$

$$\bullet a^5-5a^4b+10a^3b^2-10a^2b^3+5ab^4-b^5$$



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