nCr

BINOMIAL THEOREM · GRADE 12

Binomial Theorem · Grade 12

Name _____ Date _____ Score _____ / 6

01 In the expansion of $(x + y)^5$, what is the coefficient of the term with x^2y^3?

Answer: _____

02 In the expansion of $(x + y)^8$, what is the coefficient of the term with x^3y^5?

Answer: _____

03 In the expansion of $(x + y)^7$, what is the coefficient of the term with x^2y^5?

Answer: _____

04 In the expansion of $(x + y)^7$, what is the coefficient of the term with x^6y^1?

Answer: _____

05 In the expansion of $(x + y)^{10}$, what is the coefficient of the term with x^6y^4?

Answer: _____

06 In the expansion of $(x + y)^9$, what is the coefficient of the term with x^7y^2?

Answer: _____

Binomial Theorem · Grade 12 (Answer Key)

01 In the expansion of $(x + y)^5$, what is the coefficient of the term with x^2y^3?

10

02 In the expansion of $(x + y)^8$, what is the coefficient of the term with x^3y^5?

56

03 In the expansion of $(x + y)^7$, what is the coefficient of the term with x^2y^5?

21

04 In the expansion of $(x + y)^7$, what is the coefficient of the term with x^6y^1?

7

05 In the expansion of $(x + y)^{10}$, what is the coefficient of the term with x^6y^4?

210

06 In the expansion of $(x + y)^9$, what is the coefficient of the term with x^7y^2?

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