nCr

BINOMIAL THEOREM · GRADE 12

Binomial Theorem · Grade 12

Name _____ Date _____ Score _____ / 6

01 In the expansion of $(x + y)^{14}$, what is the coefficient of the term with x^2y^{12}?

Answer: _____

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

Answer: _____

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

Answer: _____

04 In the expansion of $(x + y)^{12}$, what is the coefficient of the term with x^4y^8?

Answer: _____

05 In the expansion of $(x + y)^{10}$, what is the coefficient of the term with x^3y^7?

Answer: _____

06 In the expansion of $(x + y)^{14}$, what is the coefficient of the term with x^9y^5?

Answer: _____

Binomial Theorem · Grade 12 (Answer Key)

01 In the expansion of $(x + y)^{14}$, what is the coefficient of the term with x^2y^{12}?

91

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

56

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

36

04 In the expansion of $(x + y)^{12}$, what is the coefficient of the term with x^4y^8?

495

05 In the expansion of $(x + y)^{10}$, what is the coefficient of the term with x^3y^7?

120

06 In the expansion of $(x + y)^{14}$, what is the coefficient of the term with x^9y^5?

2002