

Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	Degree of polynomial $4x^4+2x^2y$ is:	A. 1 B. 2 C. 3 D. 4
2	Find m so that $9a^2-12ab + m$ is a complete square :	A. $-16b^2$ B. $16b^2$ C. $-4b^2$ D. $4b^2$
3	What will be added in $9x^2-12xy$ to complete the square:	A. $-16y^2$ B. $16y^2$ C. $-4y^2$ D. $4y^2$
4	What will be added in b^4+64 to complete the square:	A. $-16b^2$ B. $16b^2$ C. $-4b^2$ D. $4b^2$
5	If $(x-2)$ is a factor of polynomial expression $x^2+2kx+8$ the value of k is:	A. 3 B. -3 C. 2 D. -2
6	Factorize $x^2-11x-42$:	A. $(x+14)(x+3)$ B. $(x-14)(x-3)$ C. $(x+14)(x-3)$ D. $(x-14)(x+3)$
7	Factorize $3x^2-75y^2$	A. $(x+3)(x+75y)$ B. $3(x+25y)(x-25y)$ C. $3(x-25y)(x+25y)$ D. $3(x+5y)(x-5y)$
8	The factors of $x^2-7x+12$:	A. $(x+3)(x+4)$ B. $(x-3)(x-4)$ C. $(x+3)(x-4)$ D. $(x-3)(x+4)$
9	If $(x-1)$ is a factor of polynomial expression $x^3-kx^2+11x-6$ the value of k is:	A. -6 B. 6 C. -18 D. 18
10	Question Image	
11	Factorize $5x^2-17xy - 12y^2$ are:	A. $(x+4y)(5x+13y)$ B. $(x-4y)(5x-3y)$ C. $(x-4y)(5x+3y)$ D. $(5x-4y)(x+3y)$
12	Find m So that x^2+4x+m is a complete square _____:	A. 8 B. -8 C. 4 D. 16
13	What will be added to complete the square of $9a^2-12ab$?	A. $-16b^2$ B. $16b^2$ C. $4b^2$ D. $-4b^2$
14	Factors of a^4-4b^4 are:	A. $(a-b), (a+b), (a^2+4b^2)$ B. $(a^2-2b^2)^2$, $(a^2+2b^2)^2$ C. $(a-b), (a+b), (a^2-4b^2)$ (a^2+4b^2) D. $(a-2b), (a^2-4b^2)$, $(a^2+4b^2)+2b^2$
15	Factors of $3x^2-x-2$ are:	A. $(x+1), (3x-2)$ B. $(x+1), (3x+2)$ C. $(x-1), (3x-2)$ D. $(x-1), (3x+2)$

