

## Mathematics 9th Class English Medium Unit 5 Online Test

Sr	Questions	Answers Choice
1	Question Image	
2	If $x=-3$ and $y=-1$ then the value of $x^3y$ will be:	A. 27 B. -27 C. 9 D. -9
3	Degree of polynomial $4x^4+2x^2y$ is:	A. 1 B. 2 C. 3 D. 4
4	Find m so that $9a^2-12ab + m$ is a complete square :	A. $-16b^2$ B. $16b^2$ C. $-4b^2$ D. $4b^2$
5	What will be added in $9x^2-12xy$ to complete the square:	A. $-16y^2$ B. $16y^2$ C. $-4y^2$ D. $4y^2$
6	What will be added in $b^4+64$ to complete the square:	A. $-16b^2$ B. $16b^2$ C. $-4b^2$ D. $4b^2$
7	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
8	Factorize $x^2-11x-42$ :	A. $(x+14)(x+3)$ B. $(x-14)(x-3)$ C. $(x+14)(x-3)$ D. $(x-14)(x+3)$
9	Factorize $3x^2-75y^2$	A. $(x+3)(x+75y)$ B. $3(x+25y)(x-25y)$ C. $3(x-25y)(x+25y)$ D. $3(x+5y)(x-5y)$
10	The factors of $x^2-7x+12$ :	A. $(x+3)(x+4)$ B. $(x-3)(x-4)$ C. $(x+3)(x-4)$ D. $(x-3)(x+4)$
11	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
12	Question Image	
13	Factorize $5x^2-17xy - 12y^2$ are:	A. $(x+4y)(5x+13y)$ B. $(x-4y)(5x-3y)$ C. $(x-4y),(5x+3y)$ D. $(5x-4y)(x+3y)$
14	Find m So that $x^2+4x+m$ is a complete square _____:	A. 8 B. -8 C. 4 D. 16
15	What will be added to complete the square of $9a^2-12ab$ ?	A. $-16b^2$ B. $16b^2$ C. $4b^2$ D. $-4b^2$