

Mathematics 9th Class English Medium Unit 6 Online Test

Sr	Questions	Answers Choice
1	LCM of a^2+b^2 and a^4-b^4 is:	A. a^2+b^2 B. a^2-b^2 C. a^4-b^4 D. $a-b$
2	LCM of $15x^2$, $45xy$ and $30xy$ is:	A. $90xyz$ B. $90x^2yz$ C. $15xyz$ D. $15x^2yz$
3	HCF of x^2+3x+2 , x^2+4x+3 and x^2+5x+4 is:	A. $x+1$ B. $(x+1)(x+2)$ C. $(x+3)$ D. $(x+4)(x+1)$
4	HCF of a^2-b^2 and a^3-b^3 is:	A. $a-b$ B. $a+b$ C. $a^2-b^2=ab+b^2-a^2$ D. $a^2-b^2-ab+b^2-a^2$
5	HCF of x^2-5x+6 and x^2-x-6 is:	A. $x-3$ B. $x+2$ C. x^2-4 D. $x-2$
6	HCF of a^3+b^3 and a^2-ab+b^2 is:	A. $a+b$ B. a^2-ab+b^2 C. $(a-b)^2$ D. a^2+b^2
7	HCF of $x-2$ and $x+x-6$ is:	A. x^2+x-6 B. $x+3$ C. $x-2$ D. $x+2$
8	HCF of $5x^2y^2$ and $20x^3y^3$ is:	A. $5x^2y^2$ B. $20x^3y^3$ C. $10x^5y^5$ D. $5xy$
9	HCF of p^3q-pq^3 and $p^5q^2-p^2q^5$ is:	A. $pq(p^2-q^2)$ B. $pq(p-q)$ C. $p^2q^2(p-q)$ D. $pq(p^3-q^3)$
10	To find HCF, we use following method:	A. By factorization B. By division C. Both a and b D. None
11	If two or more algebraic expression are given then their common factors of highest power is called of the expressions:	A. LCM B. HCF C. Multiplication D. Square root