

Factorization: Worksheet -5

1. $(a^2 - b^2) \div (a + b) = \text{-----}$

2. $(a + b)$ and $(a - b)$ are called the ----- of $a^2 - b^2$.3. The H.C.F of $5a$, $10b$ and $20c$ is -----

4. $\pi r_1 + \pi r^2 = \pi r(\text{-----})$.

5. If $x^2 + px + q$ is a perfect square, $p^2 = \text{-----}$

6. $97 \times 97 + 2 \times 97 \times 3 + 3 \times 3 = \text{-----}$

7. $\left(5\frac{1}{2}\right)^2 - \left(4\frac{1}{2}\right)^2 = \text{-----}$

8. Dividend = Quotient X Divisor + -----

9. $\frac{(75)^2 - (25)^2}{(100)^2 - (50)^2} = \text{-----}$

10. A multinomial is said to be prime if it is divisible by one and -----
----- only.