

1. What is the expression we get when z is multiplied by 13?

- A. $13z$ B. $13+z$ C. $13-z$ D. $z/13$

2. In an algebraic expression, the term that has no coefficient is referred to as the _____.

- A. binomial B. constant C. like term D. unlike term

3. $\frac{1}{2}m^2 + \frac{1}{2}m + 1$ is a polynomial of degree _____.

- A. 1 B. 2/1/2023 C. 2 D. 3

4. x^{1-1} will be equal to _____.

- A. 2 B. 1 C. 0 D. Cannot be determined

5. Kavitha has x^{15} mangoes with her. She wants to give those mangoes to x^5 friends. How many mangoes does each of his friends get?

- A. x^7 B. x^{10} C. x^9 D. $2x^{15}$

6. A dog buries $p^3q^5r^7$ bones in each hole. The dog has $p^5q^7r^9$ bones. How many holes does the dog have to dig?

- A. pqr holes B. $p^2q^2r^2$ holes C. $p^5q^7r^9$ holes D. $p^3q^5r^7$ holes

7. A bottle contains x^3y^4 ml of juice. How many people can drink xy ml of juice if one person drinks xy ml?

- A. x^3y^4 B. x^2y^4 C. x^2y^3 D. xy

8. Divide $2x^2+3x$ by x .

- A. $2x^2+3$ B. $2x+3x$ C. $2x+3$ D. $2x^2+3x$

9. Grandmother has $7q^2+4q$ candies with her. She wants to give all the candies to her q grandchildren equally. How many candies does one grandchild have?

- A. $7q+4$ B. $7q+4q$ C. $7q^2+4$ D. $7q+1$

10. Rahul gets Rs. $7x^7$ salary per month, and Ravi gets Rs. $21x^4$ salary per month. What is the ratio of the salary of Ravi to the salary of Rahul?

- A. $x^3:3$ B. $3:x^3$ C. $x^3:1$ D. $1:x^3$