

Class 8 Maths Chapter 9 Algebraic Expressions and Identities MCQs

Choose the correct answer.

- Which of the following is the numeral coefficient of $-4x^2y^2$?
 - 4
 - 4
 - 1
 - 1
- What kind of polynomial is $-9abc$?
 - Monomial
 - Binomial
 - Trinomial
 - None of the above
- What is the value of $x^2 - 2yx + y^2$ when $x = 1$; $y = 2$?
 - 2
 - 2
 - 1
 - 3
- How many terms are there in the expression $9 - 4x^2y$?
 - 1
 - 2
 - 3
 - 4
- Which of the following is a binomial?
 - $3xy + 1$
 - $41m$
 - $2x + 3y - 5$
 - $4a - 7ab + 3b + 12$
- The sum of $-7a$, $3a$ and $11a$ is:
 - $-7a$
 - $21a$
 - $7a$
 - $-21a$
- What do we get when we subtract $2xy$ from $5xy$?
 - $3xy$
 - $-3xy$
 - $7xy$
 - $2xy$

8. The area of a rectangle with length $4a^2b$ and breadth $3ab^2$ is:
(a) a^3b^3
(b) $12a^3b^2$
(c) $12a^2b^3$
(d) $12a^3b^3$
9. The volume of the cuboid whose dimensions are $x \times y \times z$ is:
(a) $x^2y^2z^2$
(b) $x^3y^3z^3$
(c) xyz
(d) x^2y^2z
10. Multiplication of $pq+qr+rp$ and 'zero' is
(a) $pq+qr$
(b) $pq+rp$
(c) $pq+qr+rp$
(d) 0

***** Answer Key*****

1. (a)
2. (a)
3. (c)
4. (b)
5. (a)
6. (c)
7. (a)
8. (d)
9. (c)
10. (d)