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Answer the questions

- (1) If $x^{32} + 32$ is divided by $(x + 1)$, find the remainder.
- (2) If $f(x) = -4x^2 + 3\sqrt{2}x + 5$, find the value of $f(\sqrt{2})$.
- (3) If $\frac{y}{x} + \frac{x}{y} = 1$ ($x, y \neq 0$), find value of $x^3 + y^3$.

Choose correct answer(s) from given choice

- (4) If $f(x) = ax^2 + bx + c$, and $f(1) = 0$ and $f(-1) = 5$, find the value of $a + c$.
- a. 2.5 b. 3.5
c. 3 d. 1.5
- (5) If $7y^2 + ky + 10 = (y + 5)(7y + 2)$, find the value of k .
- a. 32 b. 37
c. 42 d. 31
- (6) Find sum of zeroes of polynomial $a^2 + 6a + 8$.
- a. -6 b. -4
c. -5 d. 7
- (7) Find the remainder when $x^3 - x^2 + x + 6$ is divide by $x + 1$.
- a. 1 b. 2
c. 4 d. 3
- (8) Find multiplication of zeroes of polynomial $p^2 - 16p + 63$.
- a. 63 b. 31.5
c. -63 d. 126
- (9) If $f(b) = -3b^2 - 5b - 5$, the value of $f(2b) + f(-b) = ?$
- a. $-15b^2 - 5b + 10$ b. $-15b^2 - 5b - 10$
c. $-15b^2 + 5b - 10$ d. $15b^2 - 5b - 10$

Grade 9 Polynomials Practice Test

Michael Smith



Grade 9 Polynomials Practice Test:

Unveiling the Magic of Words: A Report on "**Grade 9 Polynomials Practice Test**"

In a global defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their ability to kindle emotions, provoke contemplation, and ignite transformative change is really awe-inspiring. Enter the realm of "**Grade 9 Polynomials Practice Test**," a mesmerizing literary masterpiece penned by way of a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve in to the book is central themes, examine its distinctive writing style, and assess its profound impact on the souls of its readers.

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