

Polynomials - MCQ

1) Which of the following is the leading coefficient of the polynomial $7q + q^4$?

a) 1

b) 4

c) 7

2) Identify the degree of the polynomial $3a^4b - 2a^4$.

a) 4

b) 3

c) 5

3) Which of the following is a polynomial?

a) $4a^5 - a^2 + 3a^3$

b) $3t^2u + 2s^2 + 18$

c) $-3t^2u + 2s^2 + 18$

4) Which of the following is a polynomial?

a) 8

b) $6v - 2vw^3 + 5v^3 + 8v^3w$

c) -2

5) Identify the degree of the polynomial $3x^2 + 4x - 7$.

a) 2

b) 4

6) Identify the fifth degree polynomial with the leading coefficient 7.

a) $b^3 - 7b^5 + 2b + 17$

b) $8u^2v - u^3$

c) $7w^5 - v^2w + 8uv^2$

7) Identify the polynomial which has the degree 5.

a) $-13c^2d^2$

b) $9s^2t - 2t^4 + 8r^3s^2 - rst$

c) $4p^2qr - 5p^2q + qr + 7$

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