

Polynomials - MCQ

1) Identify the polynomial that contains the leading coefficient 1.

a) $-8ab + abc^2$

b) $uv + 4v^3$

c) $6s^3 - t^4$

2) Which of the following is the degree of the polynomial $4m^6 - 3m^4n + mn$?

a) 4

b) 5

c) 6

3) Identify the seventh

PREVIEW

coefficient -1.

a) $3s^2t^2 - t^3s^4 + 3s$

b) $3s^5t - 2s^5 - 5t + st$

4) Identify the polynomial

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a) p^3qr

b) $z + 6z^6 - z^3 + z^2$

5) Which of the following

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is q^3 ?

a) 5

b) 3

6) Identify the leading coefficient of the polynomial $7t^5 + 2t^3t - 5t^3$.

a) 2

b) 7

c) -5

7) Which of the following is a binomial of degree 4?

a) $5t^4u + 2u^4$

b) $6x^2 + 2x^2y^2$

c) $4m^2n + mn$

Answer key**Polynomials - MCQ**

1) Identify the polynomial that contains the leading coefficient 1.

a) $-8ab + abc^2$

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2) Which of the following is the degree of the polynomial $4m^6 - 3m^4n + mn$?

a) 4

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c) 6

3) Identify the seventh

PREVIEW

term with coefficient -1 .

a) $3s^2t^2 - t^3s^4 + 3s$

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c) $z + 6z^6 - z^3 + z^2$

a) p^3qr

5) Which of the following

is a binomial of degree 3?

a) 5

b) 3

6) Identify the leading coefficient of the polynomial $7t^5 + 2t^3t - 5t^3$.

a) 2

b) 7

c) -5

7) Which of the following is a binomial of degree 4?

a) $5t^4u + 2u^4$

b) $6x^2 + 2x^2y^2$

c) $4m^2n + mn$