

Name : _____

Polynomials - MCQ

1) Which of the following is a polynomial that contains 2 terms?

- a) $-u^2 + 3u$ b) $6abc - 3a^3b^2 - b^2$ c) $8 + 2x - 4x^3 + x^{-2}$ d) p^5

2) Which of the following is a quartic binomial?

- a) $m^4 - n^3 - 2$ b) $3x^2 - 2x + 1$ c) $5x^4 - 3x^2 + 2$ d) $5u^{-4} - \frac{7}{3}$

3) $x^2 - y^2$ is a _____

- a) binomial b) monomial c) trinomial d) trinomial

4) Identify the quintic trinomial.

- a) $9 - 2uv^4$ b) $3x^2 - 2x + 1$ c) $5x^4 - 3x^2 + 2$ d) $2m^4n - n^7 - 9$

5) -4 is a _____

- a) constant monomial b) binomial c) trinomial d) cubic binomial

6) Which of the following is a trinomial?

- a) $uv + vw$ b) $3x^4 - \sqrt{yz} + xyz$ c) $c^2 - 7c - c^3$ d) $5 - 2st$

7) $pq + 2p - 4$ is a _____ polynomial.

- a) quintic b) linear c) quartic d) quadratic

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com

Name : _____

Answer key

Polynomials - MCQ

Sheet 5

1) Which of the following is a polynomial that contains 2 terms?

a) $-u^2 + 3u$

b) $6abc - 3a^3b^2 - b^2$

c) $8 + 2x - 4x^3 + x^{-2}$

d) p^5

2) Which of the following is a quartic binomial?

a) $m^4 - n^3 - 2$

b) $3x^2 - 2x + 1$

c) $3x^4 - 2x^2 + 1$

d) $5u^{-4} - \frac{7}{3}$

3) $x^2 - y^2$ is a _____

a) binomial

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

d) trinomial

4) Identify the quintic trinomial.

a) $9 - 2uv^4$

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

d) $2m^4n - n^7 - 9$

5) -4 is a _____

a) constant monomial

www.mathworksheets4kids.com

d) cubic binomial

6) Which of the following is a trinomial?

a) $uv + vw$

b) $3x^4 - \sqrt{yz} + xyz$

c) $c^2 - 7c - c^3$

d) $5 - 2st$

7) $pq + 2p - 4$ is a _____ polynomial.

a) quintic

b) linear

c) quartic

d) quadratic