

Name : _____

Degree of Polynomials

Sheet 1

Write the degree of each polynomial.

1) $3x^4 + 2xyz + 5x^2 - 4$

2) $-6s^2tu^3 + st + tu^2 + st^3u + t^3$

3) $-d^2 - d - 9d^3$

4) $uv + 4u$

5) $6u^2 + u^2vw - 2u^3vw + 4u^3$

6) $3m^5n^2$

7) $p^2q^3r^3 - p^4qr^2 + 7 + qr + p^6q$

8) $-8a^2 + abc + b^2c^2 + ab$

9) $x - x^6 + x^2 + x^3 - x^5$

10) $4r^4 + r^3s^4t^3 - r^2s^3t + t^6 + 3$

11) $-q^3rs^2 + 3 - q^7r^2 + r^2s^4$

12) $w^4xy^5 - w^6xy^3 + 9w^4x^5y^2$

Name : _____

Answer key

Degree of Polynomials

Sheet 1

Write the degree of each polynomial.

1) $3x^4 + 2xyz + 5x^2 - 4$

4

2) $-6s^2tu^3 + st + tu^2 + st^3u + t^3$

6

3) $-d^2 - d - 9d^3$

3

4) $uv + 4u$

2

5) $6u^2 + u^2vw - 2u^3vw + 4u^3$

5

6) $3m^5n^2$

7

7) $p^2q^3r^3 - p^4qr^2 + 7 + qr + p^6q$

8

8) $-8a^2 + abc + b^2c^2 + ab$

4

9) $x - x^6 + x^2 + x^3 - x^5$

6

10) $4r^4 + r^3s^4t^3 - r^2s^3t + t^6 + 3$

10

11) $-q^3rs^2 + 3 - q^7r^2 + r^2s^4$

9

12) $w^4xy^5 - w^6xy^3 + 9w^4x^5y^2$

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