

Degree of a Polynomial Worksheet Answer Key

Fun to the Nth Degree

Find the degree and constant term for each polynomial.

1. 0

Degree = 0, constant term = 0

6. $5x^5 + 6x^6 + x^{11}$

Degree = 11, constant term = 0

2. $6x^3 + 4x^4 - 2$

Degree = 4, constant term = -2

7. $x^3 + 2x^2 + \frac{1}{x} + 1$

Not a polynomial

3. $3x^3 + 2x + \pi$

Degree = 3, constant term = π

8. $5x^{19} + 7x^9 + 2x^2 + x + 5$

Degree = 19, constant term = 5

4. $3x^2 + \sqrt{2}$

Degree = 2, constant term = $\sqrt{2}$

9. 1324

Degree = 0, constant term = 1324

5. $\frac{1}{4}z^4 + 1$

Degree = 4, constant term = 1

10. $y^5 + 9y^4 + 2y^{10} + y + 3$

Degree = 10, constant term = 3

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