Name:

Date:

Classifying Polynomials

Name each polynomial by degree and number of terms.

1) $7x - 4$

2) $-8x^4 + 5x^3 - 2x^2 - 8x$

3) $-7x^7 + 7x^4$

4) $5x^2 - 6x$

5) $-4 - 2x^2 + 8x$

6) $9x^2 - 8x^3$

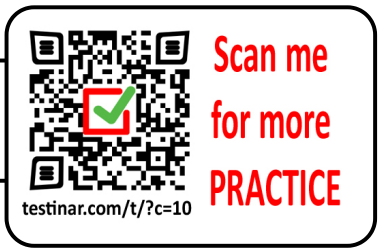
7) $2x^5$

8) $4x^6 - 3x^2 - 8x^4$

9) $4x^6 + 5x^5 + x^4$

10) $-5x^4 + 10x - 10$

Answer Key - www.testinar.com



1) $7x - 4$

Linear binomial

2) $-8x^4 + 5x^3 - 2x^2 - 8x$

Quartic polynomial with four terms

3) $-7x^7 + 7x^4$

Seventh degree binomial

4) $5x^2 - 6x$

Quadratic binomial

5) $-4 - 2x^2 + 8x$

Quadratic trinomial

6) $9x^2 - 8x^3$

Cubic binomial

7) $2x^5$

Quantic monomial

8) $4x^6 - 3x^2 - 8x^4$

Sixth degree trinomial

9) $4x^6 + 5x^5 + x^4$

Sixth degree trinomial

10) $-5x^4 + 10x - 10$

Quartic trinomial