Polynomials

Write True or False in the boxes.

1) $7x^4$ is a monomial.

2) The degree of $3y$ is 0.

3) $x^2 + 4x + 4$ is a quadratic polynomial.

4) $\sqrt{x} + 8$ is a polynomial.

5) $5x^2 + 4x + 20$ is a trinomial.

6) The coefficient of x^5 in $x^5 + 4x^5 + x^3 + 1$ is 5.

7) $x - x^3$ is a cubic polynomial.

8) The degree of biquadratic polynomial is 2.

9) The exponent of any variable in a polynomial can be a non-negative integer.

10) $x^3 + \sqrt{x} + 8$ is a cubic polynomial.