Determine the degree, leading term, constant coefficient, and end behavior of the following polynomials.

1. $p(x) = 5x^5 + 3x^3 - 22x^2 + 5$
2. $f(x) = 4x^2 + 14x^3 - 6x^6 - 4x - 1$
3. $q(x) = (x - 5)(x^2 + 2)$
4. $g(x) = (x - 1)^3(x + 2)^2(x + 1)(x - 3)$
5. $P(x) = -2(x - 3)(x - 1)^2(x^2 + 2)$
6. $p(x) = (-2x + 3)^2(3x - 1) + 1$
7. $Q(x) = x(x - 5)^5(x - 7)^3(x + 10)(x + 6)^2$
8. $f(x) = (x + 5)^2(2x - 5)(x^2 + 5x + 6)(3 - x)$