DEGREE OF A POLYNOMIAL

TABLE–SELECTION GAME

Select one correct answer for each of the questions in the test and press the Finish button at the end. The answers will be validated automatically.

Without multiplying, find the degree of the product of polynomials p and q.

1.	$p(x) = x^4 + 2x^3 - 3x + 1$ $q(x) = 5x^7 - 3x^4 + 12x^3 - 3x + 5$	☐	☐	☐	☐
2.	$p(x) = 7 - x^6 - 2x^7 + x^{10}$ $q(x) = 2 - 5x - 2x^2 + 4x^3$	☐	☐	☐	☐
3.	$p(x) = \sqrt{2}x - 1$ $q(x) = 3\sqrt{2}x$	☐	☐	☐	☐
4.	$p(x) = x^{100} - x^{99}$ $q(x) = 2x^{99}$	☐	☐	☐	☐
5.	$p(x) = x^7 + x^{10} - x^9$ $q(x) = 1 - 2x - 5x^7 + 3x^2$	☐	☐	☐	☐
6.	$p(x) = 4x^3 + 2x^2 - 10x + 6$ $q(x) = \dfrac{1}{2}x^4 - \dfrac{1}{2}$	☐	☐	☐	☐
7.	$p(x) = \sqrt{3}x^4 - 2$ $q(x) = \sqrt{3}x^6 + 1$	☐	☐	☐	☐
8.	$p(x) = -x^4 - \sqrt{2}x^3$ $q(x) = -x^3 - \sqrt{3}x^2$	☐	☐	☐	☐

MATH 4 Class