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DEGREE

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.

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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.	$p(x) = 4x^3 + 2x^2 - 10x + 6$ $q(x) = \frac{1}{2}x^4 - \frac{1}{2}$	☐	☐	☐	☐
7.	$p(x) = \sqrt{3}x^4 - 2$ $q(x) = \sqrt{3}x^6 + 1$	☐	☐	☐	☐
8.	$p(x) = -x^4 - \sqrt{2}x^3$ $q(x) = -x^3 - \sqrt{3}x^2$	☐	☐	☐	☐