

What Did the Girl Melon Say When the Boy Melon Proposed Marriage?

Circle the number-letter pair next to each TRUE statement below. Write the letter in the matching numbered box at the bottom of the page. (Hint: You should circle eight number-letter pairs in each column.)

3-S	$(x + 5)(x + 2) = x^2 + 7x + 10$	5-U	$(2w - 6)(5w + 4) = 10w^2 - 22w - 24$
9-A	$(t - 7)(t - 1) = t^2 - 8t + 7$	8-D	$(8x - 1)(4x + 3) = 32x^2 + 24x - 3$
6-L	$(n - 9)(n - 3) = n^2 - 6n + 27$	11-T	$(3x + 2)(3x - 2) = 9x^2 - 4$
16-E	$(u - 3)(u + 6) = u^2 + 3u - 18$	4-B	$(a + b)(2a + b) = 2a^2 + 3ab + b^2$
6-T	$(a + 9)(a - 8) = a^2 + a - 72$	15-A	$(2c + 6d)(c - d) = 2c^2 + 8cd - 6d^2$
7-R	$(x + 4)(x - 10) = x^2 - 14x - 40$	2-E	$(4x - y)(3x + 2y) = 12x^2 + 5xy - 2y^2$
14-O	$(3m + 1)(m + 5) = 3m^2 + 16m + 5$	8-C	$(2u - 5v)(2u - 8v) = 4u^2 - 26uv + 40v^2$
5-N	$(8d + 3)(2d + 1) = 16d^2 + 14d + 4$	10-P	$(9a + b)(2a + 5b) = 18a^2 + 47ab - 5b^2$
7-I	$(2k - 4)(3k - 2) = 6k^2 - 16k + 8$	13-R	$(2a - 2b)(a + 10b) = 2a^2 - 8ab - 20b^2$
12-E	$(x + 8)(2x - 6) = 2x^2 + 10x - 48$	15-P	$(7m + n)(m - 3n) = 7m^2 - 20mn - 3n^2$
2-A	$(4n - 2)(n + 5) = 4n^2 + 22n - 10$	10-N	$(x^2 - 4)(x^2 - 9) = x^4 - 13x^2 + 36$
1-Y	$(3v - 2)(5v + 4) = 15v^2 + 2v - 8$	3-D	$(k^2 - 6)(k^2 + 3) = k^4 - 9k^2 - 18$
11-I	$(2y + 9)(3y - 1) = 5y^2 + 25y - 9$	13-L	$(x^2 + 2y)(x^2 - 2y) = x^4 - 4y^2$

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
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