

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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Why Didn't Krok Like to Go Sailing With the Baseball Uniform Designer?



Simplify each expression below and find your answer in the corresponding answer column. Write the letter of the exercise in the box that contains the number of the answer.

- L $\sqrt{8}$ I $\sqrt{45}$ A $\sqrt{50}$ T $\sqrt{12}$ O $\sqrt{98}$ S $\sqrt{48}$ E $\sqrt{125}$
 A $\sqrt{20}$ S $\sqrt{72}$ Y $\sqrt{63}$ E $\sqrt{144}$ W $\sqrt{32}$ D $\sqrt{75}$ A $\sqrt{200}$

- 18 $7\sqrt{2}$ 14 $5\sqrt{5}$ 12 $2\sqrt{2}$ 4 $5\sqrt{2}$ 28 $4\sqrt{3}$ 20 $2\sqrt{3}$ 25 $3\sqrt{5}$
 8 $3\sqrt{7}$ 1 $6\sqrt{2}$ 7 $10\sqrt{2}$ 6 $4\sqrt{2}$ 22 $2\sqrt{5}$ 27 12 15 $5\sqrt{3}$

- S $5\sqrt{18}$ U $3\sqrt{28}$ A $2\sqrt{1000}$ P $\sqrt{1,000,000}$
 E $3\sqrt{128}$ K $8\sqrt{27}$ L $4\sqrt{80}$ H $-3\sqrt{54}$
 A $-7\sqrt{40}$ B $-8\sqrt{121}$ S $2\sqrt{500}$ T $-4\sqrt{24}$
 Z $3\sqrt{175}$ C $5\sqrt{108}$

- 19 $6\sqrt{7}$ 13 $24\sqrt{3}$ 3 $24\sqrt{2}$ 9 $15\sqrt{2}$ 5 $16\sqrt{5}$ 23 1000 16 $20\sqrt{10}$
 10 $-8\sqrt{6}$ 21 $30\sqrt{3}$ 11 $-14\sqrt{10}$ 24 $20\sqrt{5}$ 26 $15\sqrt{7}$ 2 $-9\sqrt{6}$ 17 -88

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
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