

Why Did King Kong Eat a Truck?

Circle the appropriate number-letter pairs in each column. Write the letter in the matching numbered box at the bottom of the page. (Hint: You should circle 11 number-letter pairs in each column.)

Circle the number-letter of each TRUE STATEMENT:

- 8-S $(x + 2)^2 = x^2 + 4x + 4$
- 13-E $(a - 5)^2 = a^2 - 10a + 25$
- 10-A $(u + 8)^2 = u^2 + 16u + 64$
- 2-H $(m - 4)^2 = m^2 - 16m + 16$
- 18-G $(3x + 1)^2 = 9x^2 + 6x + 1$
- 14-D $(5t - 2)^2 = 25t^2 - 20t + 4$
- 4-P $(2b + 3)^2 = 4b^2 + 12b + 6$
- 20-A $(2n + 7)^2 = 4n^2 + 28n + 49$
- 2-E $(10d - 4)^2 = 100d^2 - 80d + 16$
- 5-K $(8x - 1)^2 = 16x^2 - 16x + 1$
- 7-R $(4w + 5)^2 = 16w^2 + 20w + 25$
- 4-L $(x^2 - 3)^2 = x^4 - 6x^2 + 9$
- 11-T $(k^2 + 9)^2 = k^4 - 18k^2 + 81$
- 5-W $(2a + b)^2 = 4a^2 + 4ab + b^2$
- 15-A $(3u - 2v)^2 = 9u^2 - 12uv + 4v^2$
- 6-E $(8a + b)^2 = 64a^2 + 8ab + b^2$
- 1-H $(c^2 - 6d^2)^2 = c^4 - 12c^2d^2 + 36d^4$
- 21-I $(2xy - 5)^2 = 4x^2y^2 - 20xy + 10$

Circle the number-letter of each TRINOMIAL SQUARE:

- 6-A $n^2 + 6n + 9$
- 11-N $x^2 - 14x + 49$
- 3-R $a^2 + 2a + 4$
- 7-Y $c^2 + 2c + 1$
- 12-B $k^2 - 5k + 25$
- 21-C $x^2 - 12x + 36$
- 3-A $4t^2 + 12t + 9$
- 12-T $81x^2 - 18x + 1$
- 17-L $4m^2 + 8m + 16$
- 16-B $9w^2 - 24w + 16$
- 9-F $25t^2 - 45t + 9$
- 22-D $4x^4 + 8x^2 + 1$
- 9-W $a^2 + 2ab + b^2$
- 22-K $4m^2 + 20mn + 25n^2$
- 19-L $9a^2 - 27ab + 9b^2$
- 17-I $100u^2 - 60uv + 9v^2$
- 8-E $100a^2 + 20ab + 4b^2$
- 19-M $9x^4 + 6x^2y^2 + y^4$

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----