

Why Did the Cow Give Only Buttermilk?

Simplify each expression below. Assume that all variables represent nonnegative numbers. Find your answer in the corresponding answer column. Write the letter of the exercise in the box that contains the number of the answer.

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|---------------------------------------|---------------------|---|--------------------------|
| (H) $\sqrt{5} \cdot \sqrt{3}$ | (7) $2x^2\sqrt{6}$ | (E) $5\sqrt{2} \cdot 4\sqrt{3}$ | (11) $5a^2\sqrt{3b}$ |
| (L) $\sqrt{6} \cdot \sqrt{2}$ | (2) $10\sqrt{2}$ | (V) $-7\sqrt{3} \cdot 2\sqrt{10}$ | (8) $-14\sqrt{15}$ |
| (C) $\sqrt{3} \cdot \sqrt{6}$ | (3) $12x^5$ | (T) $4\sqrt{10} (-3\sqrt{2})$ | (4) $36ab\sqrt{6b}$ |
| (E) $\sqrt{5} \cdot \sqrt{10}$ | (9) $\sqrt{15}$ | (A) $2\sqrt{8} \cdot \sqrt{18}$ | (17) $-24\sqrt{5}$ |
| (H) $\sqrt{10} \cdot \sqrt{20}$ | (12) $x\sqrt{6}$ | (R) $-10\sqrt{3} (-2\sqrt{21})$ | (15) $18ab$ |
| (M) $\sqrt{90} \cdot \sqrt{40}$ | (5) $3\sqrt{2}$ | (S) $-\sqrt{6} \cdot 7\sqrt{10}$ | (22) $40a^2b^4\sqrt{6a}$ |
| (I) $\sqrt{2x} \cdot \sqrt{3x}$ | (1) $3x^2\sqrt{10}$ | (B) $3\sqrt{ab} \cdot 6\sqrt{ab}$ | (6) 24 |
| (U) $\sqrt{6x} \cdot \sqrt{2x}$ | (23) $2\sqrt{3}$ | (E) $\sqrt{2ab^2} \cdot \sqrt{14ab^2}$ | (10) $20\sqrt{6}$ |
| (W) $\sqrt{30x^2} \cdot \sqrt{3x^2}$ | (21) 60 | (G) $-\sqrt{15a^2b} (-\sqrt{5a^2})$ | (19) $2ab^2\sqrt{7}$ |
| (N) $\sqrt{3x} \cdot \sqrt{8x^3}$ | (18) $20x\sqrt{x}$ | (K) $\sqrt{8ab^2} (-\sqrt{10a^3b^4})$ | (13) $-14\sqrt{30}$ |
| (H) $\sqrt{40x^2} \cdot \sqrt{10x}$ | (14) $5\sqrt{2}$ | (T) $2\sqrt{18a^2b} \cdot 6\sqrt{3b^2}$ | (24) $-4a^2b^3\sqrt{5}$ |
| (A) $\sqrt{12x^5} \cdot \sqrt{12x^5}$ | (16) $2x\sqrt{3}$ | (I) $5\sqrt{2a^3b^8} \cdot 4\sqrt{12a^2}$ | (20) $60\sqrt{7}$ |

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