

What Do You Call a Group of Factory Foremen Who Sing While Drinking Tab Cola and Eating Crab Apples ?

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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|---------------------------------------|---------------------|---|--------------------------|
| (E) $\sqrt{5} \cdot \sqrt{3}$ | (7) $2x^2\sqrt{6}$ | (N) $5\sqrt{2} \cdot 4\sqrt{3}$ | (25) $30\sqrt{2}$ |
| (H) $\sqrt{6} \cdot \sqrt{2}$ | (2) $10\sqrt{2}$ | (B) $-7\sqrt{3} \cdot 2\sqrt{10}$ | (11) $5a^2\sqrt{3b}$ |
| (O) $\sqrt{3} \cdot \sqrt{6}$ | (3) $12x^5$ | (I) $2\sqrt{6} \cdot 5\sqrt{3}$ | (8) $-14\sqrt{15}$ |
| (A) $\sqrt{5} \cdot \sqrt{10}$ | (9) $\sqrt{15}$ | (A) $4\sqrt{10} (-3\sqrt{2})$ | (4) $36ab\sqrt{6b}$ |
| (R) $\sqrt{27} \cdot \sqrt{3}$ | (12) $x\sqrt{6}$ | (R) $2\sqrt{8} \cdot \sqrt{18}$ | (17) $-24\sqrt{5}$ |
| (H) $\sqrt{10} \cdot \sqrt{20}$ | (5) $3\sqrt{2}$ | (L) $-10\sqrt{3} (-2\sqrt{21})$ | (15) $18ab$ |
| (E) $\sqrt{90} \cdot \sqrt{40}$ | (1) $3x^2\sqrt{10}$ | (M) $-\sqrt{6} \cdot 7\sqrt{10}$ | (22) $40a^2b^4\sqrt{6a}$ |
| (A) $\sqrt{2x} \cdot \sqrt{3x}$ | (23) $2\sqrt{3}$ | (N) $3\sqrt{ab} \cdot 6\sqrt{ab}$ | (6) 24 |
| (D) $\sqrt{6x} \cdot \sqrt{2x}$ | (26) 9 | (P) $\sqrt{2ab^2} \cdot \sqrt{14ab^2}$ | (10) $20\sqrt{6}$ |
| (T) $\sqrt{30x^2} \cdot \sqrt{3x^2}$ | (21) 60 | (T) $-\sqrt{15a^2b} (-\sqrt{5a^2})$ | (19) $2ab^2\sqrt{7}$ |
| (E) $\sqrt{3x} \cdot \sqrt{8x^3}$ | (18) $20x\sqrt{x}$ | (O) $\sqrt{8ab^2} (-\sqrt{10a^3b^4})$ | (13) $-14\sqrt{30}$ |
| (P) $\sqrt{40x^2} \cdot \sqrt{10x}$ | (14) $5\sqrt{2}$ | (F) $2\sqrt{18a^2b} \cdot 6\sqrt{3b^2}$ | (24) $-4a^2b^3\sqrt{5}$ |
| (E) $\sqrt{12x^5} \cdot \sqrt{12x^5}$ | (16) $2x\sqrt{3}$ | (C) $5\sqrt{2a^3b^8} \cdot 4\sqrt{12a^2}$ | (20) $60\sqrt{7}$ |

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
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What Should You Do If Nobody Will Sing With You?



Simplify each expression. Find your answer below the exercise and notice the letter next to it. Write this letter in the box at the bottom of the page that contains the number of that exercise.

- ① $2\sqrt{5} + 4\sqrt{5}$
- ② $7\sqrt{3} - 3\sqrt{3}$
- ③ $2\sqrt{6} - 7\sqrt{6}$
- ④ $5\sqrt{x} + \sqrt{x}$
- ⑤ $9\sqrt{5} - 8\sqrt{5}$

- ⑥ $5\sqrt{10} + 4\sqrt{10} - \sqrt{10}$
- ⑦ $2\sqrt{3} - 6\sqrt{3} - 3\sqrt{3}$
- ⑧ $6\sqrt{7} + 3\sqrt{3} - 2\sqrt{7}$
- ⑨ $\sqrt{2} - 4\sqrt{6} + 5\sqrt{2} + \sqrt{6}$
- ⑩ $3\sqrt{a} + 9\sqrt{b} - \sqrt{b} - 2\sqrt{a}$

- Ⓕ $4\sqrt{5}$
- Ⓖ $6\sqrt{x}$
- Ⓓ $6\sqrt{5}$
- Ⓐ $\sqrt{5}$
- Ⓔ $4\sqrt{3}$
- Ⓡ $3\sqrt{x}$
- Ⓝ $6\sqrt{3}$
- Ⓤ $-5\sqrt{6}$

- ⓓ $4\sqrt{2} - \sqrt{6}$
- Ⓕ $8\sqrt{3}$
- Ⓡ $\sqrt{a} + 8\sqrt{b}$
- Ⓣ $-7\sqrt{3}$
- Ⓕ $8\sqrt{10}$
- Ⓐ $3\sqrt{a} + 7\sqrt{b}$
- Ⓨ $6\sqrt{2} - 3\sqrt{6}$



- ⑪ $3\sqrt{12} + 4\sqrt{3}$
- ⑫ $8\sqrt{5} - 2\sqrt{45}$
- ⑬ $7\sqrt{18} + 2\sqrt{50}$
- ⑭ $6\sqrt{24} - 5\sqrt{54}$
- ⑮ $-\sqrt{27} + 4\sqrt{48}$

- ⑯ $5\sqrt{8} + \sqrt{98} - 2\sqrt{18}$
- ⑰ $2\sqrt{90} - 3\sqrt{20} + \sqrt{40}$
- ⑱ $4\sqrt{63} - 9\sqrt{28} + 2\sqrt{44}$
- ⑲ $2\sqrt{27x} + \sqrt{75x} + 5\sqrt{12x}$
- ⑳ $-6\sqrt{9x} + 3\sqrt{64x} - \sqrt{50x}$

- Ⓡ $-3\sqrt{6}$
- Ⓢ $-4\sqrt{3}$
- Ⓣ $2\sqrt{5}$
- ⓔ $24\sqrt{2}$
- ⓔ $10\sqrt{3}$
- Ⓛ $2\sqrt{6}$
- Ⓝ $13\sqrt{3}$
- Ⓞ $31\sqrt{2}$

- Ⓑ $8\sqrt{3x}$
- Ⓛ $11\sqrt{2}$
- Ⓢ $\sqrt{10} - 9\sqrt{5}$
- Ⓚ $21\sqrt{3x}$
- Ⓤ $6\sqrt{x} - 5\sqrt{2x}$
- Ⓢ $-6\sqrt{7} + 4\sqrt{11}$
- Ⓣ $8\sqrt{10} - 6\sqrt{5}$
- Ⓟ $3\sqrt{7} + \sqrt{11}$

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