



# What Do You Call It When the Nurse Gives You a Shot You Hardly Feel?

Simplify the expression. All variables represent nonnegative numbers. Cross out the letter pair next to each answer. For each letter pair that you DON'T cross out, write the uppercase letter in the box containing the lowercase letter.

1  $\sqrt{2} \cdot \sqrt{7}$

Answers 1-7

8  $8\sqrt{3} \cdot 5\sqrt{2}$

Answers 8-14

2  $\sqrt{6} \cdot \sqrt{3}$

**j**·V  $5\sqrt{3}$

9  $-4\sqrt{5} \cdot 9\sqrt{6}$

**m**·I -120

3  $\sqrt{5} \cdot \sqrt{15}$

**k**·L  $10\sqrt{5}$

10  $-4\sqrt{5} \cdot 9\sqrt{6}$

**i**·C  $40\sqrt{6}$

4  $\sqrt{3} \cdot \sqrt{8}$

**d**·F  $4\sqrt{10}$

11  $3\sqrt{8} \cdot 2\sqrt{5}$

**n**·O -12 $\sqrt{5}$

5  $\sqrt{10} \cdot \sqrt{30}$

**o**·D  $3\sqrt{2}$

12  $3\sqrt{8} \cdot 2\sqrt{5}$

**a**·T  $70\sqrt{7}$

6  $\sqrt{8} \cdot \sqrt{20}$

**p**·E  $3\sqrt{10}$

13  $12\sqrt{3} \cdot 5\sqrt{15}$

**n**·S  $12\sqrt{10}$

7  $\sqrt{27} \cdot \sqrt{3}$

**f**·Y  $2\sqrt{6}$

14  $5\sqrt{18}(-2\sqrt{8})$

**i**·E  $180\sqrt{2}$

15  $\sqrt{5x} \cdot \sqrt{2x}$

**k**·R  $\sqrt{14}$

15  $5\sqrt{18}(-2\sqrt{8})$

**j**·U  $288$

16  $\sqrt{2x} \cdot \sqrt{6x}$

**q**·N  $9\sqrt{1}$

Answers 15-21

16  $5\sqrt{ab} \cdot 3\sqrt{ab}$

**b**·A  $70\sqrt{5}$

17  $\sqrt{30x} \cdot \sqrt{3x^3}$

**e**·A  $5\sqrt{6}$

17  $-6\sqrt{32}(-6\sqrt{2})$

**f**·R  $180\sqrt{5}$

18  $\sqrt{15x^2} \cdot \sqrt{10x^2}$

**m**·D  $30x^5\sqrt{2}$

18  $5\sqrt{ab} \cdot 3\sqrt{ab}$

**o**·N  $10ab\sqrt{7a}$

19  $\sqrt{8x^2} \cdot \sqrt{4x}$

**f**·T  $5x^2\sqrt{6}$

19  $\sqrt{10ab^2} \cdot \sqrt{2ab^2}$

**d**·T  $2ab^2\sqrt{5}$

20  $\sqrt{6x^3} \cdot \sqrt{150x^2}$

**a**·S  $2x\sqrt{3}$

20  $\sqrt{3a^2b} \cdot \sqrt{18a^2}$

**a**·B  $6b^3\sqrt{a}$

21  $\sqrt{7x^5} \cdot \sqrt{14x^3}$

**j**·L  $7x^2\sqrt{2x}$

21  $\sqrt{5ab} \cdot \sqrt{10ab^2}$

**l**·A  $7a^5b^2\sqrt{10}$

**o**·V  $30x^2\sqrt{x}$

22  $\sqrt{18b^5} \cdot \sqrt{2ab}$

**h**·S  $3a^2\sqrt{6b}$

**e**·R  $3x^2\sqrt{10}$

**h**·G  $7x^4\sqrt{2}$

23  $\sqrt{20ab^2} \cdot \sqrt{35ab^3}$

**d**·J  $2a^2\sqrt{5b}$

**f**·B  $2x\sqrt{6x}$

**d**·N  $x\sqrt{10}$

**q**·D  $4x\sqrt{2x}$

**q**·D  $15ab$

24  $\sqrt{98a^3b^3} \cdot \sqrt{5a^7b}$

**g**·E  $5ab\sqrt{2b}$

a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q
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