

Algebra 1 Section 11.7 Multiplying Radicals H.W

1. $\sqrt{5} \cdot \sqrt{3}$

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

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

4. $(4\sqrt{3})^2$

5. $\sqrt{30x^2} \cdot \sqrt{3x^2}$

6. $\sqrt{3x} \cdot \sqrt{8x^4}$

7. $\sqrt{40x^2} \cdot \sqrt{10x}$

8. $\sqrt{12x^5} \cdot \sqrt{12x^5}$

9. $\sqrt{6x} \cdot \sqrt{2x}$

10. $(2\sqrt{6})(5\sqrt{3})$

11. $(4\sqrt{10})(2\sqrt{5})$

12. $3\sqrt{ab} \cdot 6\sqrt{ab}$

13. $\sqrt{2ab^2} \cdot \sqrt{14ab^3}$

O	$30\sqrt{2}$	A	$2\sqrt{3}$	M	$20x\sqrt{x}$	W	$2x\sqrt{3}$	T	$3\sqrt{2}$
H	48	L	$18ab$	D	$2ab^2\sqrt{7b}$	M	$\sqrt{15}$	S	$2x^2\sqrt{6x}$
R	$40\sqrt{2}$	Y	$12x^5$	P	$3x^2\sqrt{10}$				

1 2 3 4

5 6

7 8

9 10 11 12 13