

AA PREP: OPERATIONS WITH RADICALS (MULTIPLYING) LECTURE

Perform the operation. Simplify.

1) $\sqrt{7} \cdot \sqrt{7}$	2) $\sqrt{5} \cdot \sqrt{5}$
3) $\sqrt{6} \sqrt{12}$	4) $\sqrt{10} \sqrt{20}$
5) $3\sqrt{5} \cdot 2\sqrt{15}$	6) $-5\sqrt{8} \cdot 4\sqrt{6}$
7) $(4\sqrt{6})^2$	8) $(2\sqrt{5})^2$
9) $\sqrt{2}(5 + \sqrt{2} - 4\sqrt{6})$	10) $\sqrt{3}(9 - \sqrt{3} + 5\sqrt{12})$