

WS 2.5C Simplifying Radicals and Multiplication Property of Exponents

Simplify.

1) $\sqrt{96}$

2) $\sqrt{343}$

3) $\sqrt{80}$

4) $\sqrt{100}$

5) $-5\sqrt{147}$

6) $6\sqrt{147}$

Simplify. Your answer should contain only positive exponents.

7) $x^2x^{-2}y^3$

8) $x^2y^{-2}x^3$

9) $yx^4 \cdot yx^3$

10) $m^{-4}n^4 \cdot mn^{-4}$

11) $x^2y^3 \cdot x^2y^2 \cdot x^2y^{-4}$

12) $x^0y^4 \cdot xy$