

Algebra / Simplifying a radical expression with an even exponent

$\sqrt{36x^{10}}$
 $\sqrt{6 \cdot 6 \cdot x \cdot x \cdot x \cdot x \cdot x \cdot x}$
 $\frac{10}{2} = 5$
 $6x^5$

$\sqrt{49} = 7$
 $\sqrt{7 \cdot 7}$

$\sqrt{50v^{14}}$
 $\sqrt{2 \cdot 25 \cdot v \cdot v \cdot v \cdot v \cdot v \cdot v \cdot v \cdot v}$
 $\frac{14}{2} = 7$
 $5v^7\sqrt{2}$