

Rewrite the radical using a rational exponent. The root, 4, determines the denominator of the fraction, so  $\frac{1}{4}$  will be the exponent. The 2 outside the radical is not included in the grouping symbol, and the exponent does not refer to it.

$$2\sqrt[4]{2a} = 2(2a)^{\frac{1}{4}}$$