

You may have tried to combine the radicands. An expression such as  $\sqrt[4]{a} \cdot \sqrt[4]{b}$  can be rewritten as  $\sqrt[4]{ab}$ , but an expression such as  $\sqrt[4]{a} + \sqrt[4]{b}$  cannot be combined under one radical. Instead, use the property  $\sqrt[4]{ab} = \sqrt[4]{a} \cdot \sqrt[4]{b}$  to simplify each term. You should end up with the same radicands, which means that you have like terms. Then you can combine them just as you would combine  $2a + 3a$ .