

Multiply

In order to multiply radicals you must have the same INDEX

How to multiply:

1. Multiply the outside of the radicals and multiply the inside of the radicals
2. Simplify the radicals

1. $\sqrt{5}(\sqrt{10} + \sqrt{15})$	2. $-3\sqrt{3}(2 + \sqrt{6})$
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Divide

How to simplify with a denominator:

1. Split one radical into 2.
2. Simplify numerator and denominator separately.

3. $\sqrt{\frac{16}{25}}$	4. $\sqrt{\frac{32}{4}}$
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