Radical Expressions Multiplication

Multiplying Radical Expressions is the same as multiplying polynomials. You will use Exponent Rules & FOIL.

Examples:



A Radical Expression is Simplified When:

- 1.) The radicand contains no factor greater than 1 that is a perfect power of the index.
- 2.) There is no fraction under the radical.
- 3.) There is no radical in the denominator of an expression.
- 4.) Any exponents under the radical & the index of the radical are relatively prime (no factors in common except 1)