

Radical Operations

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Multiply:

1. $\sqrt{4} * \sqrt{5}$

2. $\sqrt{3} * \sqrt{2} * \sqrt{4}$

3. $\sqrt{a} * \sqrt{a}$

Divide:

1. $\frac{\sqrt{20}}{\sqrt{5}}$

2. $\frac{\sqrt{50}}{\sqrt{2}}$

3. $\frac{\sqrt{a^5}}{\sqrt{a}}$

Simplify

1. $\frac{\sqrt{3}\sqrt{9}}{\sqrt{2}}$

2. $\frac{\sqrt{70}}{\sqrt{2}\sqrt{5}}$

3. $\frac{\sqrt{a^5}\sqrt{b^{10}}}{\sqrt{a}\sqrt{b^{12}}}$