**Geometry 1 Review: Simplifying Radicals**

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| Perfect Squares:12 = 22 = 32 = 42 = 52 = 62 = 72 =82 = 92 =102 = 112 = 122 = | $\sqrt{a b}$ = | $\sqrt{ \frac{a}{b}}$ = |
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| Example 1: | $\sqrt{80}$ = | Example 2: | $5\sqrt{20}$ = |
| Example 3: | $2 \sqrt{3}·4 \sqrt{12}$ =  |  |  |
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| Example 4: | $\sqrt{ \frac{7}{12}}$ = | Example 5: | $\sqrt{ \frac{15}{8}}·\sqrt{ \frac{3}{4}}$ = |