

Algebra I

11-8

Adding and Subtracting Radicals

Simplify.

*1) $3\sqrt{2} + 5\sqrt{2}$

*2) $7\sqrt{5} + 5\sqrt{7}$

Simplify. For part a) simplify,
b) round to the nearest hundredth.

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1) $8\sqrt{3} - 6\sqrt{3}$

5) $5\sqrt{3} + 2\sqrt{75}$

15) $5\sqrt{28} + 2\sqrt{7} - \sqrt{14}$

19) $\sqrt{55} - 7\sqrt{\frac{5}{11}}$

Simplify. For part

a) simplify,

b) round to the nearest hundredth.

$$23) \quad \sqrt{\frac{5}{11}} - \sqrt{\frac{11}{5}}$$

Assignment:

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2-32 even,

part a & b

for each.