Intermediate Algebra

7-2

(Day 1)

Properties of Radicals

A radical expression is in ***Simplest Radical Form*** when:

1)

2) Coming Soon...

3) Coming Soon...

Simplify.

*1) $\sqrt{50}$

*2) $\sqrt{72}$

*3) $\sqrt{-16x^4}$

*4) $\sqrt{18x^3y^9z^{12}}$

*5) $\sqrt[3]{-8x^3y^5z^{13}}$

Simplify.

$\sqrt{2} + \sqrt{2} =$

$\sqrt{2} + \sqrt{3} =$

$\sqrt{2} + \sqrt[3]{2} =$

Simplify.

*6) $\sqrt{50} + \sqrt{18}$

*7) $2\sqrt{32x^2y^3} - xy\sqrt{98y}$

*8) $3\sqrt[3]{x^5y^7} - 8xy\sqrt[3]{x^2y^4}$

*9) $2\sqrt{54} + 4\sqrt{72} - 2\sqrt{24}$

Assignment:
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1-16 all,
17-41 odd.