

Simplifying Radicals Revisited

Date _____ Period _____

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Simplify.

1) $\sqrt{75}$

2) $\sqrt{100}$

3) $\sqrt{150x^3}$

4) $\sqrt{125v^3}$

5) $\sqrt{96x^2y}$

6) $\sqrt{45uv^3}$

7) $\sqrt{72}$

8) $\sqrt{16}$

9) $\sqrt{8a^3b}$

10) $\sqrt{150x^4y^2}$

11) $\sqrt[3]{625a^7}$

12) $\sqrt[3]{448p^7}$

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Simplify.

1) $\sqrt{75}$

$5\sqrt{3}$

2) $\sqrt{100}$

10

3) $\sqrt{150x^3}$

$5x\sqrt{6x}$

4) $\sqrt{125v^3}$

$5v\sqrt{5v}$

5) $\sqrt{96x^2y}$

$4x\sqrt{6y}$

6) $\sqrt{45uv^3}$

$3v\sqrt{5uv}$

7) $\sqrt{72}$

$6\sqrt{2}$

8) $\sqrt{16}$

4

9) $\sqrt{8a^3b}$

$2a\sqrt{2ab}$

10) $\sqrt{150x^4y^2}$

$5x^2y\sqrt{6}$

11) $\sqrt[3]{625a^7}$

$5a^2\sqrt[3]{5a}$

12) $\sqrt[3]{448p^7}$

$4p^2\sqrt[3]{7p}$