

Test Review, Part 1

Date _____ Period _____

Simplify.

1) $\sqrt{150}$

2) $\sqrt{144n^3}$

3) $\sqrt[4]{162}$

4) $\sqrt[3]{96x^5y^2}$

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

6) $3\sqrt{54} - 3\sqrt{6} + 2\sqrt{24}$

Rewrite and evaluate.

7) $16^{\frac{1}{4}}$

8) $16^{\frac{5}{4}}$

Test Review, Part 1

Date _____ Period _____

Simplify.

1) $\sqrt{150}$
 $5\sqrt{6}$

2) $\sqrt{144n^3}$
 $12n\sqrt{n}$

3) $\sqrt[4]{162}$
 $3\sqrt[4]{2}$

4) $\sqrt[3]{96x^5y^2}$
 $2x\sqrt[3]{12x^2y^2}$

5) $2\sqrt{2} + 3\sqrt{2} - \sqrt{2}$
 $4\sqrt{2}$

6) $3\sqrt{54} - 3\sqrt{6} + 2\sqrt{24}$
 $10\sqrt{6}$

Rewrite and evaluate.

7) $16^{\frac{1}{4}}$
 2

8) $16^{\frac{5}{4}}$
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