

Simplifying Radicals

Write each radical expression in the simplest form.

1) $-\sqrt[3]{250}$

2) $6\sqrt{625}$

3) $\sqrt{208}$

4) $-2\sqrt[3]{192}$

5) $7\sqrt{16}$

7) $-\sqrt[3]{512}$

9) $5\sqrt[3]{-459}$

11) $3\sqrt{243}$

12) $2\sqrt[3]{27}$

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Simplifying Radicals

Write each radical expression in the simplest form.

1) $-\sqrt[3]{250}$

$-\mathbf{5\sqrt[3]{2}}$

2) $6\sqrt{625}$

$\mathbf{150}$

3) $\sqrt{208}$

$\mathbf{4\sqrt{13}}$

4) $-2\sqrt[3]{192}$

$-\mathbf{8\sqrt[3]{3}}$

5) $7\sqrt{16}$

$\mathbf{28}$

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$-\mathbf{4\sqrt{6}}$

7) $-\sqrt[3]{512}$

$-\mathbf{8}$

$\mathbf{12\sqrt{5}}$

9) $5\sqrt[3]{-459}$

$-\mathbf{15\sqrt[3]{17}}$

$\mathbf{77}$

11) $3\sqrt{243}$

$\mathbf{27\sqrt{3}}$

12) $2\sqrt[3]{27}$

$\mathbf{6}$