

Simplifying Radicals

Write each radical expression in the simplest form.

1) $-2\sqrt{180}$

2) $4\sqrt[3]{72}$

3) $-\sqrt{90}$

4) $3\sqrt{45}$

5) $11\sqrt[3]{125}$

7) $9\sqrt{84}$

9) $2\sqrt[3]{686}$

11) $-4\sqrt[3]{64}$

12) $7\sqrt{486}$

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Simplifying Radicals

Write each radical expression in the simplest form.

1) $-2\sqrt{180}$

$-12\sqrt{5}$

2) $4\sqrt[3]{72}$

$8\sqrt[3]{9}$

3) $-\sqrt{90}$

$-3\sqrt{10}$

4) $3\sqrt{45}$

$9\sqrt{5}$

5) $11\sqrt[3]{125}$

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7) $9\sqrt{84}$

$18\sqrt{7}$

$-4\sqrt[3]{6}$

9) $2\sqrt[3]{686}$

$14\sqrt[3]{2}$

$3\sqrt{17}$

11) $-4\sqrt[3]{64}$

-16

12) $7\sqrt{486}$

$63\sqrt{6}$