

## Roots and Radicals

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- 1) List all the perfect square numbers you can think of.
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- 2) List all of the perfect cubed numbers you can think of.
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### Simplify.

3)  $\sqrt{100}$

4)  $\sqrt{64}$

5)  $\sqrt{512}$

6)  $\sqrt{200}$

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

8)  $\sqrt[3]{64}$

9)  $\sqrt{384x^2}$

10)  $\sqrt{96x^2}$

11)  $\sqrt[3]{500x^5}$

12)  $\sqrt[3]{512k^5}$