Square roots and cube roots: meanings and signs — Further practice

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Further practice 11

Evaluate $\sqrt{100}$.

Further practice 12

Find all square roots of $\frac{4}{49}$.

Further practice 13

Evaluate $\sqrt[3]{216}$.

Further practice 14

Evaluate $\sqrt[3]{\frac{1}{64}}$.

Extension 15

For which real x is $\sqrt{x-3}$ defined? Include the endpoint.

Extension 16

Solve $x^2 = 12$ exactly. Explain how this differs from writing $\sqrt{12}$.