



## Radicals - Cube - Simplify From Cubed Factors, Values only, Radical Remaining

|   |   |                      |                    |  |                      |                      |                     |
|---|---|----------------------|--------------------|--|----------------------|----------------------|---------------------|
| <p>1 Simplify the radical</p> $\sqrt[3]{3^3 \cdot 7}$           | A<br>$3\sqrt[3]{7}$                                   | B<br>$4\sqrt[3]{5}$  | C<br>$\sqrt[3]{5}$ | <p>2 Simplify the radical</p> $\sqrt[3]{5^3 \cdot 7}$  | A<br>$8\sqrt[3]{7}$  | B<br>$5\sqrt[3]{7}$  | C<br>$6\sqrt[3]{4}$ |
|   | D<br>$\sqrt[3]{9}$                                    | E<br>$6\sqrt[3]{10}$ |                    |  | D<br>$\sqrt[3]{7}$   | E<br>$3\sqrt[3]{7}$  |                     |
| <p>3 Simplify the radical</p> $\sqrt[3]{2 \cdot 5^3}$           | A<br>$6\sqrt[3]{3}$                                   | B<br>$5\sqrt[3]{2}$  | C<br>$\sqrt[3]{2}$ | <p>4 Simplify the radical</p> $\sqrt[3]{3^3 \cdot 11}$ | A<br>$\sqrt[3]{11}$  | B<br>$3\sqrt[3]{11}$ | C<br>$\sqrt[3]{9}$  |
|   | D<br>$2\sqrt[3]{4}$                                   |                      |                    |  | D<br>$4\sqrt[3]{11}$ | E<br>$2\sqrt[3]{11}$ |                     |
| <p>5 Simplify the radical</p> $\sqrt[3]{2^3 \cdot 2^3 \cdot 3}$ | <p>6 Simplify the radical</p> $\sqrt[3]{2^3 \cdot 5}$ | A<br><b>2</b>        | B<br>$\sqrt[3]{8}$ | C<br>$2\sqrt[3]{3}$                                    |                      |                      |                     |
| A<br>$5\sqrt[3]{3}$   | B<br>$4\sqrt[3]{3}$                                   | C<br>$\sqrt[3]{5}$   | D<br><b>6</b>      | E<br>$6\sqrt[3]{6}$                                    | D<br>$\sqrt[3]{3}$   | E<br>$2\sqrt[3]{5}$  |                     |