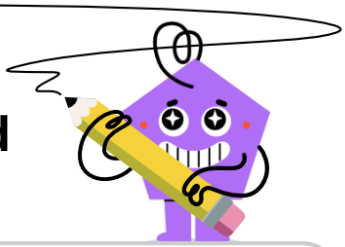
Name



Radicals - Cube - Simplify From Cubed Factors, Values and Variables, Radical Remaining

1 Simplify the radical

$$\sqrt[3]{2^3 \cdot 3 \cdot x^3 \cdot x^2 \cdot w^3}$$

A	$5xw\sqrt[3]{6x}$	B	$xw^3\sqrt[3]{x^4}$
C	$2xw\sqrt[3]{3x^2}$	D	$xw^2\sqrt[3]{5x^2}$
E	$4xw^3\sqrt[3]{x}$		

2 Simplify the radical

$$\sqrt[3]{2^3 \cdot 2^3 \cdot 3 \cdot m^3 \cdot z^3 \cdot z}$$

A	$3mz^3\sqrt[3]{5z}$	B	$7mz^2\sqrt[3]{4z^3}$
C	$4mz\sqrt[3]{3z}$	D	$mz\sqrt[3]{4z^3}$
E	$6mz^3\sqrt[3]{3z^3}$		

3 Simplify the radical

$$\sqrt[3]{2^3 \cdot 2^3 \cdot 7 \cdot y \cdot x^3 \cdot x^2}$$

A	$x^2\sqrt[3]{3yx}$	B	$4x\sqrt[3]{7yx^2}$
C	$x^3\sqrt[3]{10yx^4}$	D	$4x^3\sqrt[3]{6yx^2}$
E	$2x\sqrt[3]{10yx}$		

4 Simplify the radical

$$\sqrt[3]{2^3 \cdot 2^3 \cdot 5 \cdot x \cdot w}$$

A	$4\sqrt[3]{5xw}$	B	$6\sqrt[3]{2x^3w^2}$
C	$6\sqrt[3]{5xw}$	D	$\sqrt[3]{2x^3w^3}$
E	$\sqrt[3]{xw}$		

5 Simplify the radical

$$\sqrt[3]{2^3 \cdot 2^3 \cdot 3 \cdot p \cdot y^3 \cdot y^2}$$

A	$2y\sqrt[3]{py}$	B	$4y\sqrt[3]{6py}$
C	$y^2\sqrt[3]{py}$	D	$4y\sqrt[3]{3py^2}$
E	$6y\sqrt[3]{py^3}$		

6 Simplify the radical

$$\sqrt[3]{2^3 \cdot 2^3 \cdot 7 \cdot m^2 \cdot y^3 \cdot y}$$

A	$6y^2\sqrt[3]{9m^4y}$	B	$5y\sqrt[3]{6m^4y^2}$
C	$6y^3\sqrt[3]{7my}$	D	$4y\sqrt[3]{7m^2y}$
E	$7y^3\sqrt[3]{6m^3y}$		

7 Simplify the radical

$$\sqrt[3]{3^3 \cdot 7 \cdot w \cdot m^3 \cdot m}$$

A	$m\sqrt[3]{6wm^3}$	B	$2m^3\sqrt[3]{7w^3m}$
C	$m\sqrt[3]{5wm^2}$	D	$5m^3\sqrt[3]{9w^3m}$
E	$3m\sqrt[3]{7wm}$		

8 Simplify the radical

$$\sqrt[3]{3^3 \cdot 3 \cdot m^3 \cdot x^2}$$

A	$3m\sqrt[3]{3x^2}$	B	$3m^2\sqrt[3]{6x^3}$
C	$m\sqrt[3]{4x^4}$	D	$4m\sqrt[3]{x^4}$
E	$m\sqrt[3]{x^4}$		