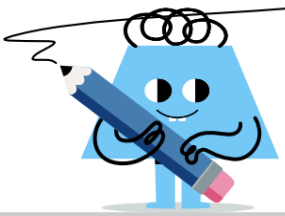
Name

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



1 Simplify the radical

$$\sqrt{5^2 \cdot 11 \cdot d \cdot}$$

A	B	C	D	E
$5\sqrt{11d}$	$7\sqrt{7d^2}$	$4\sqrt{13d^3}$	$2\sqrt{10d^3}$	$2\sqrt{10d}$

2 Simplify the radical

$$\sqrt{2 \cdot 5^2 \cdot y^2 \cdot y \cdot}$$

A	B	C	D	E
$2y\sqrt{5y^3}$	$7y\sqrt{3y}$	$5y\sqrt{2y}$	$3y\sqrt{3y^3}$	$y\sqrt{y}$

3 Simplify the radical

$$\sqrt{5^2 \cdot 5 \cdot d^2 \cdot d^2 \cdot}$$

A	B	C	D	E
$8d^3\sqrt{4}$	$3d$	$4d^4\sqrt{3}$	$5d^2\sqrt{5}$	$8d^4\sqrt{8}$

4 Simplify the radical

$$\sqrt{2^2 \cdot 2^2 \cdot 5 \cdot x \cdot}$$

A	B	C	D	E
$\sqrt{6x^2}$	$5\sqrt{8x}$	$6\sqrt{7x^3}$	$6\sqrt{8x^2}$	$4\sqrt{5x}$

5 Simplify the radical

$$\sqrt{3^2 \cdot 11 \cdot m \cdot}$$

A	B	C	D	E
$\sqrt{14m}$	$6\sqrt{11m^2}$	$\sqrt{12m^3}$	$3\sqrt{11m}$	$6\sqrt{11m}$

6 Simplify the radical

$$\sqrt{2^2 \cdot 5 \cdot b^2 \cdot b^2 \cdot b \cdot}$$

A	B	C	D	E
$3b\sqrt{b}$	$2b^3\sqrt{7b^3}$	$2b^2\sqrt{5b}$	$b^2\sqrt{2b}$	$b\sqrt{5b^2}$

7 Simplify the radical

$$\sqrt{2^2 \cdot 3 \cdot p^2 \cdot p^2 \cdot p \cdot}$$

A	B	C	D	E
$4p^2\sqrt{p}$	$p\sqrt{3p^3}$	$p^3\sqrt{3p}$	$2p^2\sqrt{3p}$	$p\sqrt{4p^2}$

8 Simplify the radical

$$\sqrt{2^2 \cdot 11 \cdot x^2 \cdot}$$

A	B	C	D	E
$x\sqrt{7}$	$x\sqrt{13}$	$x\sqrt{11}$	$2x\sqrt{11}$	$x^2\sqrt{13}$