



## Radicals - Cube - Simplifying, Values and Variables, Radical Remaining

<p>1 Simplify the radical</p> $\sqrt[3]{625y^3}$	A $y$	B $5y\sqrt[3]{5}$	C $3y\sqrt[3]{4}$	<p>2 Simplify the radical</p> $\sqrt[3]{192t}$	A $5\sqrt[3]{t}$	B $4\sqrt[3]{4t}$	C $5\sqrt[3]{4t}$
	D $2y^2\sqrt[3]{7}$	E $7y\sqrt[3]{3}$			D $3\sqrt[3]{4t}$	E $4\sqrt[3]{3t}$	
<p>3 Simplify the radical</p> $\sqrt[3]{40t^2}$	A $\sqrt[3]{t^4}$	B $\sqrt[3]{2t}$	C $2\sqrt[3]{5t^2}$	<p>4 Simplify the radical</p> $\sqrt[3]{16n^2}$	A $\sqrt[3]{2n}$	B $2\sqrt[3]{2n^2}$	C $\sqrt[3]{3n^3}$
	D $\sqrt[3]{7t^3}$	E $5\sqrt[3]{3t^2}$			D $5\sqrt[3]{4n^4}$	E $5\sqrt[3]{2n^2}$	
<p>5 Simplify the radical</p> $\sqrt[3]{192r}$	A $7\sqrt[3]{4r}$	B $3\sqrt[3]{4r^3}$	C $5\sqrt[3]{3r}$	<p>6 Simplify the radical</p> $\sqrt[3]{56w}$	A $3\sqrt[3]{5w^2}$	B $5\sqrt[3]{8w}$	C $2\sqrt[3]{7w}$
	D $6\sqrt[3]{6r^3}$	E $4\sqrt[3]{3r}$			D $\sqrt[3]{7w}$	E $\sqrt[3]{3w^3}$	
<p>7 Simplify the radical</p> $\sqrt[3]{625q^3}$	A $q^3\sqrt[3]{2}$	B $5q\sqrt[3]{5}$	C $5q^3\sqrt[3]{6}$	<p>8 Simplify the radical</p> $\sqrt[3]{704y^2}$	A $4\sqrt[3]{11y^2}$	B $4\sqrt[3]{14y^4}$	C $4\sqrt[3]{8y}$
	D $8q^3\sqrt[3]{3}$	E $8q\sqrt[3]{3}$			D $7\sqrt[3]{12y}$	E $\sqrt[3]{10y^2}$	