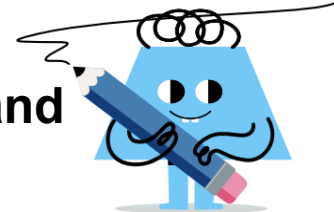




## Radicals - Cube - Simplifying, Values and Variables, Radical Remaining



<b>1</b> Simplify the radical  $\sqrt{20dm^4}$	<b>A</b> $2m^2\sqrt{5d}$	<b>B</b> $5m\sqrt{d}$	<b>C</b> $5m\sqrt{2d}$	<b>2</b> Simplify the radical  $\sqrt{48xd^2}$	<b>A</b> $6d^2\sqrt{6x}$	<b>B</b> $4d\sqrt{3x}$	<b>C</b> $d\sqrt{x}$	
	<b>D</b> $m^2\sqrt{4d}$	<b>E</b> $5m\sqrt{8d}$			<b>D</b> $2d\sqrt{x}$	<b>E</b> $5d\sqrt{x}$		
<b>3</b> Simplify the radical  $\sqrt{50n^3r^2}$	<b>A</b> $5nr\sqrt{2n}$	<b>B</b> $6n^2r\sqrt{n}$	<b>4</b> Simplify the radical  $\sqrt{50z^2m^3}$				<b>A</b> $2zm\sqrt{3m^3}$	<b>B</b> $4zm\sqrt{2m^2}$
	<b>C</b> $2nr\sqrt{4n}$	<b>D</b> $4n^2r^2\sqrt{5n^3}$					<b>C</b> $5zm^3\sqrt{3m^3}$	<b>D</b> $6zm\sqrt{4m^2}$
	<b>E</b> $2nr^2\sqrt{4n}$						<b>E</b> $5zm\sqrt{2m}$	
<b>5</b> Simplify the radical  $\sqrt{32y^2b^5}$				<b>6</b> Simplify the radical  $\sqrt{27x^3b^3}$				
<b>A</b> $2yb^3\sqrt{2b^2}$	<b>B</b> $4yb^2\sqrt{2b}$	<b>A</b> $4x^3b\sqrt{6x^2b^2}$	<b>B</b> $x^2b\sqrt{5xb}$	<b>C</b> $3xb\sqrt{3xb}$	<b>D</b> $xb^2\sqrt{4x^3b}$	<b>E</b> $yb\sqrt{5b}$	<b>E</b> $xb^3\sqrt{4xb^3}$	
<b>7</b> Simplify the radical  $\sqrt{45y^3x}$				<b>8</b> Simplify the radical  $\sqrt{18d^3y^4}$				
<b>A</b> $y^2\sqrt{6y^2x}$	<b>B</b> $y^2\sqrt{7yx}$	<b>A</b> $dy^4\sqrt{2d}$	<b>B</b> $dy^3\sqrt{5d^2}$	<b>C</b> $y\sqrt{7yx^3}$	<b>D</b> $3y\sqrt{5yx}$	<b>E</b> $5y^2\sqrt{2yx^3}$	<b>D</b> $3dy^2\sqrt{2d}$	