



## Radicals - Cube - Simplify From Cubed Factors, Values and Variables, Nothing Remaining

<b>1</b> Simplify the radical $\sqrt{2^2 \cdot 2^2 \cdot p^2 \cdot p^2}$					<b>2</b> Simplify the radical $\sqrt{2^2 \cdot p^2}$					
A	B	C	D	E	A	B	C	D	E	
$4p$	$p$	$5p^4\sqrt{2}$	$2p\sqrt{3}$	$4p^2$	$p^2\sqrt{4}$	$p\sqrt{4}$	$p^3$	$2p$	$4p$	
<b>3</b> Simplify the radical $\sqrt{2^2 \cdot p^2 \cdot p^2}$					<b>4</b> Simplify the radical $\sqrt{5^2 \cdot d^2 \cdot d^2}$					
A	B	C	D	E	A	B	C	D	E	
$2p\sqrt{2}$	$p^2\sqrt{2}$	$5p^3$	$p^2$	$2p^2$	$7d^2$	$6d$	$4d$	$5d^2$	$5d^4$	
<b>5</b> Simplify the radical $\sqrt{2^2 \cdot x^2}$			A	B	C	<b>6</b> Simplify the radical $\sqrt{5^2 \cdot x^2 \cdot x^2}$				
			$x^3\sqrt{4}$	$x\sqrt{4}$	$2x$	A	B	C	D	E
			D			$5x^2$	$7x^3$	$5x^3$	$3x^2\sqrt{3}$	$6x\sqrt{2}$
			$x$							
<b>7</b> Simplify the radical $\sqrt{3^2 \cdot p^2 \cdot p^2}$					<b>8</b> Simplify the radical $\sqrt{5^2 \cdot d^2}$					
A	B	C	D	E	A	B	C	D	E	
$p^4\sqrt{4}$	$5p$	$2p$	$3p^2$	$6p\sqrt{4}$	$5d$	$7d$	$4d\sqrt{2}$			
					D	E				
					$6d^2$	$d\sqrt{4}$				