



Radicals - Divide Binomials by Monomials (Values and Variables)

<p>1 Divide the radical expressions and simplify the answer</p> $\frac{\sqrt{2} - 5x\sqrt{x}}{x^2\sqrt{11}}$	<p>A</p> $\frac{\sqrt{22} - x\sqrt{11x}}{11x^3}$	<p>B</p> $\frac{\sqrt{22} - 5x\sqrt{11x}}{11x^2}$	<p>2 Divide the radical expressions and simplify the answer</p> $\frac{3c\sqrt{c} - \sqrt{13}}{c\sqrt{13c}}$	<p>A</p> $\frac{3c^3\sqrt{13} - 13\sqrt{c}}{3c^2}$	<p>B</p> $\frac{3c^2\sqrt{13} - 13\sqrt{c}}{13c^2}$		
	<p>C</p> $\frac{\sqrt{22} + 2x\sqrt{11x}}{11x}$	<p>D</p> $\frac{\sqrt{22} + 5x\sqrt{x}}{x^2}$		<p>C</p> $\frac{3c\sqrt{13} - 13}{13}$	<p>D</p> $\frac{3c^2\sqrt{13} + 13c}{13}$		
	<p>E</p> $\frac{\sqrt{22} - 5x\sqrt{2x}}{11x^4}$			<p>E</p> $\frac{3c^2\sqrt{13} + \sqrt{c}}{c^2}$			
<p>3 Divide the radical expressions and simplify the answer</p> $\frac{3n^2 + n^2\sqrt{5}}{\sqrt{11}}$	<p>A</p> $\frac{4n^2\sqrt{11} + n^2\sqrt{55}}{11}$	<p>B</p> $\frac{3\sqrt{11} + n^2\sqrt{55}}{11}$	<p>4 Divide the radical expressions and simplify the answer</p> $\frac{\sqrt{7} - 5r}{r\sqrt{3}}$	<p>A</p> $\frac{\sqrt{21} - 5r\sqrt{3}}{r}$	<p>B</p> $\frac{\sqrt{21} - 5r}{3r^2}$		
	<p>C</p> $\frac{3n\sqrt{11} + n^2\sqrt{55}}{2}$	<p>D</p> $\frac{3n^2\sqrt{11} - n^2\sqrt{55}}{11}$		<p>C</p> $\frac{\sqrt{21} - 5r\sqrt{3}}{3r}$	<p>D</p> $\frac{\sqrt{21} - 5\sqrt{3}}{r}$		
	<p>E</p> $\frac{3n^2\sqrt{11} + n^2\sqrt{55}}{11}$			<p>E</p> $\frac{\sqrt{21} - 5r^{-1}\sqrt{3}}{r}$			
<p>5 Divide the radical expressions and simplify the answer</p> $\frac{b\sqrt{7} + 4b^2}{b\sqrt{7}}$	<p>A</p> $14 + 4b\sqrt{7}$	<p>B</p> $\frac{7 + 4b\sqrt{7}}{7}$	<p>6 Divide the radical expressions and simplify the answer</p> $\frac{5m + \sqrt{11}}{m\sqrt{5m}}$	<p>A</p> $\frac{5m\sqrt{15m^{-1}} - \sqrt{165m}}{15m^2}$	<p>B</p> $\frac{5m\sqrt{5m} + \sqrt{55m}}{5m^2}$		
	<p>C</p> $2 + 4b\sqrt{7}$	<p>D</p> $5 + 4b\sqrt{7}$		<p>C</p> $\frac{5m\sqrt{5} + \sqrt{55m}}{5}$	<p>D</p> $\frac{5m\sqrt{5m} + \sqrt{55m^{-1}}}{5m^4}$		
	<p>E</p> $\frac{1 + 4b\sqrt{7}}{14}$			<p>E</p> $\frac{5\sqrt{5m} + \sqrt{55}}{5}$			
<p>7 Divide the radical expressions and simplify the answer</p> $\frac{\sqrt{13r} - 5r}{r\sqrt{13r}}$	<p>A</p> $\frac{1 + 5\sqrt{13r}}{13}$	<p>B</p> $\frac{13 - 5\sqrt{13r}}{13r}$	<p>C</p> $\frac{2 + 5\sqrt{13r}}{13r}$	<p>8 Divide the radical expressions and simplify the answer</p> $\frac{b\sqrt{3b} - 5}{b^2\sqrt{3}}$	<p>A</p> $\frac{3b\sqrt{b} - \sqrt{3}}{3}$	<p>B</p> $\frac{2b\sqrt{3b} - 15}{9b^2}$	<p>C</p> $\frac{3b\sqrt{b} - \sqrt{3}}{2b^2}$
	<p>D</p> $\frac{1 - 5\sqrt{13r}}{r}$	<p>E</p> $\frac{13 + \sqrt{13r}}{4r}$			<p>D</p> $\frac{3b\sqrt{b} - 5\sqrt{3}}{3b^2}$	<p>E</p> $\frac{3b\sqrt{b} + \sqrt{3}}{3b}$	