



Radicals - Multiplying Monomials (Values and Variables) over Unit Fraction

1 Multiply the radical expressions and simplify the answer $\frac{\sqrt{2q} \cdot \sqrt{8}}{\frac{1}{4}}$	A $4q$ D 4	B $4\sqrt{q}$	C $16\sqrt{q}$	2 Multiply the radical expressions and simplify the answer $\frac{\sqrt{20} \cdot \sqrt{5}}{\frac{1}{5}}$	A 50 D 30	B 250 E 1	C 10												
3 Multiply the radical expressions and simplify the answer $\frac{\sqrt{28y^2} \cdot \sqrt{7y^2}}{\frac{1}{2}}$	A y^2 D $28y^2$	B $56y^2\sqrt{y}$	C $14y^2$	4 Multiply the radical expressions and simplify the answer $\frac{\sqrt{2r^2} \cdot \sqrt{32r^3}}{\frac{1}{5}}$	A $r^2\sqrt{r}$ D $40r^2\sqrt{r}$	B $8r^2\sqrt{r}$ E $8r^3$	C $8r^2$												
5 Multiply the radical expressions and simplify the answer $\frac{\sqrt{99w^4} \cdot \sqrt{11w^2}}{\frac{1}{5}}$ <table border="1" data-bbox="40 1386 787 1554"> <tbody> <tr> <td>A $825w^2\sqrt{w}$</td> <td>B $33w^3$</td> </tr> <tr> <td>C $33w^2$</td> <td>D $165w^3$</td> </tr> </tbody> </table>				A $825w^2\sqrt{w}$	B $33w^3$	C $33w^2$	D $165w^3$	6 Multiply the radical expressions and simplify the answer $\frac{\sqrt{13} \cdot \sqrt{117}}{\frac{1}{2}}$				<table border="1"> <tbody> <tr> <td>A 1</td> <td>B 78</td> <td>C 39</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>		A 1	B 78	C 39			
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