Name

Radicals - Divide Binomials (Values Only)

1 Divide the radical expressions and simplify the answer

$$\frac{\sqrt{5}+\sqrt{2}}{\sqrt{5}-\sqrt{11}}$$

A $\frac{2+\sqrt{55}+\sqrt{10}+\sqrt{22}}{-6\sqrt{3}}$

B $\frac{5+5\sqrt{55}+\sqrt{10}+\sqrt{22}}{-6}$

C $\frac{2+3\sqrt{55}+\sqrt{10}-\sqrt{22}}{4}$

D $\frac{1+\sqrt{55}-\sqrt{10}+\sqrt{22}}{-6}$

E $\frac{5+\sqrt{55}+\sqrt{10}+\sqrt{22}}{-6}$

2 Divide the radical expressions and simplify the answer

$$\frac{\sqrt{7}-\sqrt{5}}{\sqrt{2}-\sqrt{13}}$$

A $\frac{1+\sqrt{91}-\sqrt{10}+\sqrt{65}}{-11\sqrt{4}}$

B $\frac{\sqrt{14}+2\sqrt{91}-\sqrt{10}+1}{4}$

C $\sqrt{14}+\sqrt{91}-3\sqrt{10}-5\sqrt{65}$

D $\frac{\sqrt{14}+1+\sqrt{10}-\sqrt{65}}{-11}$

E $\frac{\sqrt{14}+\sqrt{91}-\sqrt{10}-\sqrt{65}}{-11}$

3 Divide the radical expressions and simplify the answer

$$\frac{\sqrt{11}+\sqrt{7}}{\sqrt{13}+\sqrt{7}}$$

A $\frac{\sqrt{143}-\sqrt{77}+\sqrt{91}-7}{6}$

B $1-1+\sqrt{91}+7$

C $\frac{\sqrt{143}-\sqrt{77}+3\sqrt{91}-7}{5}$

D $\sqrt{143}+\sqrt{77}+2\sqrt{91}-7$

E $\sqrt{143}+\sqrt{77}+\sqrt{91}-7$

4 Divide the radical expressions and simplify the answer

$$\frac{\sqrt{11}+\sqrt{13}}{\sqrt{5}+\sqrt{7}}$$

A $\sqrt{55}-4\sqrt{77}+\sqrt{65}-1$

B $\frac{\sqrt{55}+\sqrt{77}+1-\sqrt{91}}{-2}$

C $\frac{\sqrt{55}-\sqrt{77}+\sqrt{65}-\sqrt{91}}{-2}$

D $\frac{\sqrt{55}-1+\sqrt{65}-\sqrt{91}}{-2\sqrt{4}}$

E $\frac{\sqrt{55}+\sqrt{77}+1-\sqrt{91}}{5}$

5 Divide the radical expressions and simplify the answer

$$\frac{\sqrt{11}+\sqrt{11}}{\sqrt{2}-\sqrt{7}}$$

A $\sqrt{22}+2\sqrt{77}$

B $\frac{\sqrt{22}+2\sqrt{77}}{-5\sqrt{4}}$

C $\frac{\sqrt{22}+2\sqrt{77}}{3}$

D $\frac{2\sqrt{22}+2\sqrt{77}}{-5}$

E $\frac{\sqrt{22}+2\sqrt{77}}{-5}$

6 Divide the radical expressions and simplify the answer

$$\frac{\sqrt{5}-\sqrt{2}}{\sqrt{2}-\sqrt{13}}$$

A $\frac{\sqrt{10}+1-2-\sqrt{26}}{-11\sqrt{4}}$

B $\frac{\sqrt{10}+3\sqrt{65}-2+2\sqrt{26}}{4}$

C $\sqrt{10}+\sqrt{65}+2-\sqrt{26}$

D $\frac{\sqrt{10}+\sqrt{65}-2+5\sqrt{26}}{-11\sqrt{4}}$

E $\frac{\sqrt{10}+\sqrt{65}-2-\sqrt{26}}{-11}$

7 Divide the radical expressions and simplify the answer

$$\frac{\sqrt{2}+\sqrt{13}}{\sqrt{3}+\sqrt{2}}$$

A $\frac{\sqrt{6}-2+\sqrt{39}+\sqrt{26}}{5}$

B $\frac{2\sqrt{6}+2-\sqrt{39}-\sqrt{26}}{4}$

C $\sqrt{6}-1+\sqrt{39}-\sqrt{26}$

D $\sqrt{6}-2+\sqrt{39}-\sqrt{26}$

E $\frac{\sqrt{6}+2+\sqrt{39}-\sqrt{26}}{4}$

8 Divide the radical expressions and simplify the answer

$$\frac{\sqrt{5}-\sqrt{7}}{\sqrt{2}-\sqrt{5}}$$

A $\frac{1+1-\sqrt{14}+\sqrt{35}}{-3\sqrt{3}}$

B $\frac{\sqrt{10}+5+\sqrt{14}-1}{-3}$

C $\frac{\sqrt{10}+5-\sqrt{14}-\sqrt{35}}{-3}$

D $\frac{\sqrt{10}+5+3\sqrt{14}-\sqrt{35}}{-3}$

E $\sqrt{10}+5-\sqrt{14}+\sqrt{35}$