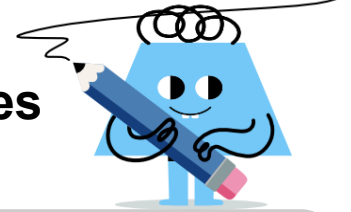




Radicals - Multiplying Binomials (Values Only)



1 Multiply the radical expressions and simplify the answer

$$(\sqrt{7} + \sqrt{2}) \cdot (\sqrt{7} - \sqrt{13})$$

A $7 - \sqrt{91} + 3\sqrt{14} - 2\sqrt{26}$

B $7 - \sqrt{91} + \sqrt{14} - \sqrt{26}$

C $1 - \sqrt{91} + \sqrt{14} - \sqrt{26}$

D $9 - \sqrt{91} + \sqrt{26}$

2 Multiply the radical expressions and simplify the answer

$$(\sqrt{7} - \sqrt{13}) \cdot (\sqrt{5} + \sqrt{5})$$

A $2\sqrt{35}$

B $2 + \sqrt{35}$

C $\sqrt{35} + 1$

D $1 - 4\sqrt{35}$

3 Multiply the radical expressions and simplify the answer

$$(\sqrt{5} + \sqrt{13}) \cdot (\sqrt{7} + \sqrt{13})$$

A $\sqrt{35} + 14 - \sqrt{91}$

B $\sqrt{35} - \sqrt{65} + \sqrt{91} + 13$

C $\sqrt{35} + \sqrt{65} + 15$

D $4\sqrt{35} + \sqrt{65} + \sqrt{91} - 13$

E $\sqrt{35} + \sqrt{65} + \sqrt{91} + 13$

4 Multiply the radical expressions and simplify the answer

$$(\sqrt{7} - \sqrt{2}) \cdot (\sqrt{13} - \sqrt{2})$$

A $\sqrt{91} + \sqrt{26} - 5\sqrt{14} - 2$

B $\sqrt{91} - \sqrt{26} - \sqrt{14} + 4$

C $\sqrt{91} - \sqrt{26} - \sqrt{14} + 2$

D $\sqrt{91} - 5\sqrt{26} + 3$

E $\sqrt{91} - 5\sqrt{26} - \sqrt{14} - 2$

5 Multiply the radical expressions and simplify the answer

$$(\sqrt{7} - \sqrt{3}) \cdot (\sqrt{3} - \sqrt{5})$$

A $\sqrt{21} - \sqrt{35} - 3 + \sqrt{15}$

B $5\sqrt{21} - \sqrt{35} + 3 + 3\sqrt{15}$

C $2 + 3 - \sqrt{15}$

D $\sqrt{21} + \sqrt{35} - 3 + \sqrt{15}$

E $\sqrt{21} - \sqrt{35} - 2$

6 Multiply the radical expressions and simplify the answer

$$(\sqrt{13} + \sqrt{3}) \cdot (\sqrt{3} - \sqrt{5})$$

A $5 + \sqrt{65} + \sqrt{15}$

B $\sqrt{39} + 3 - \sqrt{65} - \sqrt{15}$

C $4 + \sqrt{65} + \sqrt{15}$

D $\sqrt{39} + 12 - \sqrt{65} + \sqrt{15}$

E $\sqrt{39} - \sqrt{2} + \sqrt{65} - \sqrt{15}$

7 Multiply the radical expressions and simplify the answer

$$(\sqrt{3} - \sqrt{13}) \cdot (\sqrt{5} - \sqrt{7})$$

A $3\sqrt{15} - \sqrt{65} - \sqrt{21} + \sqrt{91}$

B $\sqrt{15} - 3\sqrt{65} - 1 + \sqrt{91}$

C $\sqrt{15} - \sqrt{65} - \sqrt{21} + \sqrt{91}$

D $\sqrt{15} - \sqrt{65} - \sqrt{2} + \sqrt{91}$

E $\sqrt{15} - \sqrt{65}$

8 Multiply the radical expressions and simplify the answer

$$(\sqrt{7} - \sqrt{2}) \cdot (\sqrt{2} - \sqrt{3})$$

A $\sqrt{14} + \sqrt{6}$

B $2\sqrt{14} - 1 + \sqrt{21}$

C $4\sqrt{14} - 2 - \sqrt{21} + \sqrt{6}$

D $\sqrt{14} - 2 - \sqrt{21} + \sqrt{6}$