Name

Radicals - Multiplying Monomials with Binomials (Values Only)

1 Multiply the radical expressions and simplify the answer

$$(\sqrt{7}-\sqrt{5})\cdot\sqrt{2}$$

A	$\sqrt{14}-\sqrt{10}$	B	$5\sqrt{14}-\sqrt{10}$
C	$\sqrt{14}-1$	D	$\sqrt{3}-\sqrt{10}$

2 Multiply the radical expressions and simplify the answer

$$\sqrt{2}\cdot(\sqrt{2}+\sqrt{5})$$

A	$2+\sqrt{10}$	B	4	C	$6+\sqrt{10}$

3 Multiply the radical expressions and simplify the answer

$$\sqrt{7}\cdot(\sqrt{13}-\sqrt{11})$$

A	$\sqrt{91}-\sqrt{77}$	B	$4\sqrt{91}-\sqrt{77}$
C	$2\sqrt{91}-\sqrt{77}$	D	$\sqrt{91}-1$

4 Multiply the radical expressions and simplify the answer

$$\sqrt{13}\cdot(\sqrt{7}-\sqrt{11})$$

A	$5\sqrt{91}-\sqrt{143}$	B	$\sqrt{91}-4\sqrt{143}$
C	$\sqrt{91}-\sqrt{143}$	D	$\sqrt{91}-1$

5 Multiply the radical expressions and simplify the answer

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

A	$2\sqrt{39}+3$	B	$3\sqrt{39}+3$
C	$\sqrt{39}+12$	D	$\sqrt{39}+3$
E	$\sqrt{39}+\sqrt{2}$		

6 Multiply the radical expressions and simplify the answer

$$(\sqrt{3}-\sqrt{2})\cdot\sqrt{5}$$

A	$\sqrt{3}-\sqrt{10}$	B	$\sqrt{15}-2\sqrt{10}$
C	$\sqrt{15}-\sqrt{10}$	D	$\sqrt{15}-\sqrt{2}$
E	$4\sqrt{15}-\sqrt{10}$		

7 Multiply the radical expressions and simplify the answer

$$\sqrt{5}\cdot(\sqrt{11}-\sqrt{2})$$

A	$\sqrt{55}-\sqrt{10}$	B	$\sqrt{55}-1$
C	$\sqrt{55}-2\sqrt{10}$		

8 Multiply the radical expressions and simplify the answer

$$(\sqrt{3}+\sqrt{13})\cdot\sqrt{11}$$

A	$\sqrt{33}+1$	B	$5\sqrt{33}+\sqrt{143}$
C	$\sqrt{33}+\sqrt{143}$		