Name

Radicals - Multiplying Monomials with Binomials (Values Only)

1 Multiply the radical expressions and simplify the answer

$$\sqrt{5} \cdot (4\sqrt{3} + \sqrt{3})$$

A	$8\sqrt{15}$	B	$5\sqrt{15}$
C	$4\sqrt{15} + \sqrt{3}$	D	$2\sqrt{15}$

2 Multiply the radical expressions and simplify the answer

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

A	$2\sqrt{55} - \sqrt{3}$	B	$\sqrt{55} - \sqrt{22}$
C	$2 - \sqrt{22}$	D	$2\sqrt{55} - \sqrt{22}$

3 Multiply the radical expressions and simplify the answer

$$\sqrt{5} \cdot (\sqrt{11} - 4\sqrt{3})$$

A	$5\sqrt{55} - 4\sqrt{15}$	B	$\sqrt{55} - 4\sqrt{15}$
C	$\sqrt{55} - \sqrt{15}$		

4 Multiply the radical expressions and simplify the answer

$$\sqrt{11} \cdot (\sqrt{7} + 2\sqrt{7})$$

A	$5\sqrt{77}$	B	$3\sqrt{77}$
C	$1 + 2\sqrt{77}$	D	$\sqrt{77} + 2$

5 Multiply the radical expressions and simplify the answer

$$\sqrt{5} \cdot (\sqrt{7} - 3\sqrt{11})$$

A	$\sqrt{35} - \sqrt{55}$	B	$3\sqrt{35} - 3\sqrt{55}$
C	$\sqrt{35} - 3$	D	$2 - 3\sqrt{55}$
E	$\sqrt{35} - 3\sqrt{55}$		

6 Multiply the radical expressions and simplify the answer

$$\sqrt{13} \cdot (\sqrt{5} + 2\sqrt{5})$$

A	$5\sqrt{65}$	B	$\sqrt{65} + 2$
C	$3\sqrt{65}$	D	$6\sqrt{65}$

7 Multiply the radical expressions and simplify the answer

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

A	$7 - 3\sqrt{35}$	B	$7 - 5\sqrt{35}$
C	2	D	$1 - 5\sqrt{35}$

8 Multiply the radical expressions and simplify the answer

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

A	$4\sqrt{6} - \sqrt{15}$	B	$3\sqrt{6} - \sqrt{15}$
C	$6 - \sqrt{15}$	D	$3\sqrt{6} - \sqrt{2}$