Math worksheet on *'Radicals - Multiplying Monomials with Binomials (Values Only) (Level 1)'*. Part of a broader unit on *'Radicals - Multiplication Intro'*

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1 Multiply the radical expressions and simplify the answer

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

a	$25 - 3\sqrt{5}$	**b**	-1
c	$5 - 3\sqrt{3}$	**d**	$5 - 3\sqrt{5}$

2 Multiply the radical expressions and simplify the answer

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

a	$4\sqrt{3} - 12$	**b**	$4\sqrt{3} - 3$
c	1	**d**	$4\sqrt{3} - 2$
e	$4\sqrt{3} - \sqrt{2}$		

3 Multiply the radical expressions and simplify the answer

$$\sqrt{11} \cdot (\sqrt{3} + 5)$$

a	$\sqrt{33} + 5\sqrt{11}$	**b**	$3\sqrt{33} + 5\sqrt{11}$
c	$\sqrt{33} + \sqrt{11}$	**d**	$1 + 5\sqrt{11}$

4 Multiply the radical expressions and simplify the answer

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

a	$2\sqrt{7} - 28$	**b**	$2\sqrt{2} - 7$
c	$2\sqrt{7} - 1$	**d**	$2\sqrt{7} - 7$
e	$4\sqrt{7} - 7$		

5 Multiply the radical expressions and simplify the answer

$$(4 + \sqrt{3}) \cdot \sqrt{13}$$

a	$4 + \sqrt{39}$	**b**	$5\sqrt{13} + \sqrt{39}$
c	$4\sqrt{13} + \sqrt{39}$	**d**	$4\sqrt{13} + 1$

6 Multiply the radical expressions and simplify the answer

$$(\sqrt{3} - 4) \cdot \sqrt{7}$$

a	$1 - 4\sqrt{7}$	**b**	$\sqrt{21} - \sqrt{7}$
c	$\sqrt{21} - 4\sqrt{7}$		

7 Multiply the radical expressions and simplify the answer

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

a	$\sqrt{55} - 5\sqrt{5}$	**b**	$\sqrt{55} - 5$
c	$\sqrt{55} - 3\sqrt{5}$	**d**	$\sqrt{55} - \sqrt{5}$