Math worksheet on *'Radicals - Adding and Subtracting from Simplified (Values Only) (Level 4)'*. Part of a broader unit on *'Radicals - Addition and Subtraction Intro'*

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1 Add or subtract the radical expressions

$$2\sqrt{11} - 4\sqrt{11} + 5\sqrt{11}$$

a	$-2\sqrt{11} - 5\sqrt{11}$	**b**	$3\sqrt{11} - 6\sqrt{14} + 3\sqrt{12}$
c	$4\sqrt{11} - 5\sqrt{11}$	**d**	$3\sqrt{11} - 5\sqrt{11}$
e	$-2 - 5\sqrt{11}$	**f**	$5\sqrt{13} - \sqrt{14} + 3\sqrt{8}$

2 Add or subtract the radical expressions

$$3\sqrt{5} + 3\sqrt{5} + 4\sqrt{5}$$

a	$2\sqrt{5} + 4\sqrt{5}$	**b**	$4\sqrt{5} + 4\sqrt{5}$
c	$\sqrt{5} + 4\sqrt{5}$	**d**	$6 + 4\sqrt{5}$
e	$3\sqrt{5} + 4\sqrt{5}$	**f**	$6\sqrt{5} + 4\sqrt{5}$

3 Add or subtract the radical expressions

$$3\sqrt{11} - 4\sqrt{11} + 3\sqrt{11}$$

a	$4\sqrt{11} + \sqrt{12}$	**b**	$-1 - 3\sqrt{11}$
c	$-1\sqrt{11} - 3\sqrt{11}$	**d**	$4\sqrt{11} - 3\sqrt{11}$
e	$\sqrt{13} - 4\sqrt{8} + \sqrt{9}$	**f**	$\sqrt{14} - 3\sqrt{12} + \sqrt{13}$

4 Add or subtract the radical expressions

$$3\sqrt[3]{5} + 2\sqrt[3]{5} - 2\sqrt[3]{5}$$

a	$3\sqrt[3]{5} + 2\sqrt[3]{5}$	**b**	$4\sqrt[3]{2} + \sqrt[3]{7} - \sqrt[3]{3}$
c	$5\sqrt[3]{5} + 2\sqrt[3]{5}$	**d**	$5 + 2\sqrt[3]{5}$
e	$4\sqrt[3]{5} + 2\sqrt[3]{5}$	**f**	$\sqrt[3]{7} - \sqrt[3]{8}$

5 Add or subtract the radical expressions

$$2\sqrt[3]{7} - 4\sqrt[3]{7} - 3\sqrt[3]{7}$$

a	$2\sqrt[3]{8} - 3\sqrt[3]{10} - 5\sqrt[3]{4}$	**b**	$4\sqrt[3]{3} - 2\sqrt[3]{6} - \sqrt[3]{10}$
c	$\sqrt[3]{7} - 3\sqrt[3]{7}$	**d**	$4\sqrt[3]{4} - \sqrt[3]{10} - \sqrt[3]{3}$
e	$-2\sqrt[3]{7} - 3\sqrt[3]{7}$	**f**	$3\sqrt[3]{6} - 5\sqrt[3]{10} - \sqrt[3]{5}$

6 Add or subtract the radical expressions

$$3\sqrt{5} + 3\sqrt{5} - 5\sqrt{5}$$

a	$-4\sqrt{7} + \sqrt{6}$	**b**	$\sqrt{5} + 5\sqrt{5}$
c	$6 + 5\sqrt{5}$	**d**	$6\sqrt{5} + 5\sqrt{5}$
e	$3\sqrt{4} - 6\sqrt{5}$	**f**	$6\sqrt{4} + 5\sqrt{5}$

7 Add or subtract the radical expressions

$$3\sqrt{2} + 5\sqrt{2} + 4\sqrt{2}$$

a	$4\sqrt{2} + 8$	**b**	$\sqrt{3} + 7\sqrt{5} + 1$
c	$8\sqrt{2} + 4\sqrt{2}$	**d**	$3\sqrt{2} + 4\sqrt{2}$
e	$\sqrt{2} + 4\sqrt{2}$	**f**	$6 + 7\sqrt{4}$