



Math worksheet on 'Radicals - Adding and Subtracting from Simplified (Values Only) (Level 3)'.
Part of a broader unit on 'Radicals - Addition and Subtraction Intro'

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1 Add or subtract the radical expressions

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

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

2 Add or subtract the radical expressions

$$2\sqrt{3} - 4\sqrt{3}$$

a	b	c	d	e	f
$2 - 5\sqrt{3}$	$-2\sqrt{3}$	$\sqrt{3} - 4$	$\sqrt{3}$	$3\sqrt{3}$	$\sqrt{3} - 5$

3 Add or subtract the radical expressions

$$4\sqrt{2} - 2\sqrt{2}$$

a	b	c	d	e	f
$2\sqrt{2}$	$1 - 3\sqrt{5}$	$4\sqrt{2}$	$1 - \sqrt{2}$	2	$2\sqrt{4}$

4 Add or subtract the radical expressions

$$4\sqrt{7} - 3\sqrt{7}$$

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

5 Add or subtract the radical expressions

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

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

6 Add or subtract the radical expressions

$$2\sqrt{7} + 4\sqrt{7}$$

a	$\sqrt{9} + 7\sqrt{8}$	b	$3\sqrt{3} + 4\sqrt{8}$
c	$3\sqrt{5} + \sqrt{3}$	d	$6\sqrt{7}$
e	$4\sqrt{7}$	f	$\sqrt{7}$

7 Add or subtract the radical expressions

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

a	$6\sqrt{9} + 3\sqrt{8}$	b	$3\sqrt{11}$
c	$5\sqrt{11}$	d	$6\sqrt{11}$
e	$\sqrt{7} + \sqrt{8}$	f	$\sqrt{11}$