



Math worksheet on 'Radicals - Adding and Subtracting (Values Only) (Level 2)'. Part of a broader unit on 'Radicals - Addition and Subtraction Intro'

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1 Simplify, then add or subtract the radical expressions

$$\sqrt{11} - \sqrt{176}$$

a	$3\sqrt{14} - 2\sqrt{10}$	b	$-3\sqrt{11}$
c	$\sqrt{11}$	d	$-3\sqrt{4}$
e	$4\sqrt{11}$	f	$\sqrt{7} - 5\sqrt{11}$

2 Simplify, then add or subtract the radical expressions

$$\sqrt{7} + \sqrt{28}$$

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

3 Simplify, then add or subtract the radical expressions

$$\sqrt{2} + \sqrt{50}$$

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

4 Simplify, then add or subtract the radical expressions

$$\sqrt{63} - \sqrt{7}$$

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

5 Simplify, then add or subtract the radical expressions

$$\sqrt{32} + \sqrt{2}$$

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

6 Simplify, then add or subtract the radical expressions

$$\sqrt{2} - \sqrt{8}$$

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

7 Simplify, then add or subtract the radical expressions

$$\sqrt{11} - \sqrt{99}$$

a	$-1\sqrt{7}$	b	$\sqrt{9} - 3\sqrt{13}$
c	$-2\sqrt{11}$	d	$\sqrt{9} - 2\sqrt{11}$
e	-2	f	$\sqrt{14} - \sqrt{8}$