



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

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2 Simplify, then add or subtract the radical expressions

$$\sqrt{275} + \sqrt{99}$$

a	8	b	$5\sqrt{13} + 5\sqrt{11}$
c	$\sqrt{11}$	d	$8\sqrt{11}$
e	$8\sqrt{3}$	f	$6\sqrt{13} + 5\sqrt{9}$

4 Simplify, then add or subtract the radical expressions

$$\sqrt{99} + \sqrt{176}$$

a	$\sqrt{11}$	b	$5\sqrt{8} + 6\sqrt{9}$
c	$7\sqrt{11}$	d	$\sqrt{12} + \sqrt{7}$
e	7	f	$4\sqrt{13} + 3\sqrt{12}$

6 Simplify, then add or subtract the radical expressions

$$\sqrt{48} + \sqrt{27}$$

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

1 Simplify, then add or subtract the radical expressions

$$\sqrt{75} + \sqrt{48}$$

a	9	b	$9\sqrt{3}$	c	$3\sqrt{3}$	d	$3\sqrt{3} + 7$	e	$\sqrt{3}$	f	$5\sqrt{3}$
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3 Simplify, then add or subtract the radical expressions

$$\sqrt{75} - \sqrt{27}$$

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

5 Simplify, then add or subtract the radical expressions

$$\sqrt{8} - \sqrt{50}$$

a	-3	b	$-3\sqrt{2}$	c	$\sqrt{5} - 3$	d	$1 - 7\sqrt{5}$	e	$\sqrt{2}$	f	$3\sqrt{2}$
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7 Simplify, then add or subtract the radical expressions

$$\sqrt{18} - \sqrt{50}$$

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