



Math worksheet on 'Radicals - Adding and Subtracting from Simplified (Values Only) (Level 5)'.  
Part of a broader unit on 'Radicals - Addition and Subtraction Intro'

Learn online:

[app.mobius.academy/math/units/radicals\\_addition\\_and\\_subtraction\\_intro/](http://app.mobius.academy/math/units/radicals_addition_and_subtraction_intro/)

**2** Add or subtract the radical expressions

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

<b>a</b>	$-6\sqrt{10} - 6\sqrt{8}$	<b>b</b>	$3\sqrt{7} - 4\sqrt{7}$
<b>c</b>	$4\sqrt{7}$	<b>d</b>	$7\sqrt{3}$
<b>e</b>	$6\sqrt{5} - 3\sqrt{9} - 2\sqrt{6}$	<b>f</b>	$\sqrt{7} - 4\sqrt{7}$

**1** Add or subtract the radical expressions

$$4\sqrt{5} - 5\sqrt{5} - 4\sqrt{5}$$

<b>a</b>	$5\sqrt{6} - 8 - 4\sqrt{3}$	<b>b</b>	$\sqrt{5} - 4\sqrt{5}$
<b>c</b>	$-1\sqrt{2} - 4\sqrt{5}$	<b>d</b>	$2\sqrt{8} - 6\sqrt{3}$
<b>e</b>	$-1\sqrt{5} - 4\sqrt{5}$	<b>f</b>	$6\sqrt{3} - 6\sqrt{2} - 5\sqrt{7}$

**3** Add or subtract the radical expressions

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

<b>a</b>	$5\sqrt{3} + 4$	<b>b</b>	$6 + 1$
<b>c</b>	$7\sqrt{3} + 2\sqrt{3}$	<b>d</b>	$\sqrt{3} + 2\sqrt{3}$
<b>e</b>	$7 + 2\sqrt{3}$	<b>f</b>	$5\sqrt{4} + 1 + \sqrt{2}$

**4** Add or subtract the radical expressions

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

<b>a</b>	$\sqrt[3]{3} + \sqrt[3]{5} - 4\sqrt[3]{2}$	<b>b</b>	$2\sqrt[3]{2} + \sqrt[3]{4} - 5\sqrt[3]{3}$
<b>c</b>	$6 + 4\sqrt[3]{2}$	<b>d</b>	$\sqrt[3]{2} + 4\sqrt[3]{2}$
<b>e</b>	$6\sqrt[3]{2} + 4\sqrt[3]{2}$	<b>f</b>	$6\sqrt[3]{3} + 4\sqrt[3]{2}$

**5** Add or subtract the radical expressions

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

<b>a</b>	$\sqrt[3]{2} - 2\sqrt[3]{2}$	<b>b</b>	$-1\sqrt[3]{2} - 2\sqrt[3]{2}$
<b>c</b>	$4\sqrt[3]{2} - 2\sqrt[3]{2}$	<b>d</b>	$-3 - 4$
<b>e</b>	$3\sqrt[3]{4} - 5 + \sqrt[3]{3}$	<b>f</b>	$-1\sqrt[3]{4} - 2\sqrt[3]{2}$

**6** Add or subtract the radical expressions

$$2\sqrt{11} - 2\sqrt{11} + 3\sqrt{11}$$

<b>a</b>	$\sqrt{11} - 3\sqrt{11}$	<b>b</b>	$\sqrt{10} - 5\sqrt{13} + \sqrt{11}$
<b>c</b>	$2\sqrt{11} - 3\sqrt{11}$	<b>d</b>	$3\sqrt{11} - 3\sqrt{11}$
<b>e</b>	$3\sqrt{11}$	<b>f</b>	$4\sqrt{12} - 5\sqrt{13} + \sqrt{14}$

**7** Add or subtract the radical expressions

$$2\sqrt[3]{11} + 3\sqrt[3]{11} + 2\sqrt[3]{11}$$

<b>a</b>	$5\sqrt[3]{11} + 2\sqrt[3]{11}$	<b>b</b>	$5 + 2\sqrt[3]{11}$
<b>c</b>	$3\sqrt[3]{11} + 2\sqrt[3]{11}$	<b>d</b>	$2\sqrt[3]{11} + 2\sqrt[3]{11}$
<b>e</b>	$\sqrt[3]{11} + 2\sqrt[3]{11}$	<b>f</b>	$4\sqrt[3]{8} + \sqrt[3]{7} + \sqrt[3]{14}$