



Math worksheet on 'Radicals - Addition Under Cubed Radical to Radical (Level 1)'. Part of a broader unit on 'Radicals - Simplifying Practice'

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1 Simplify the radical.

a	b	c
2	5	$3\sqrt[3]{2}$

$$\sqrt[3]{57 - 3}$$

d	e	f
$4\sqrt[3]{2}$	$5\sqrt[3]{4}$	1

2 Simplify the radical.

$$\sqrt[3]{139 + 158}$$

a	b	c	d	e	f
$\sqrt[3]{12}$	$\sqrt[3]{11}$	$4\sqrt[3]{13}$	$3\sqrt[3]{11}$	$3\sqrt[3]{7}$	$6\sqrt[3]{8}$

3 Simplify the radical.

a	b	c
2	$2\sqrt[3]{2}$	$5\sqrt[3]{4}$

$$\sqrt[3]{11 + 5}$$

d	e	f
$4\sqrt[3]{5}$	$\sqrt[3]{4}$	1

4 Simplify the radical.

$$\sqrt[3]{65 - 11}$$

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

5 Simplify the radical.

$$\sqrt[3]{145 - 10}$$

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

6 Simplify the radical.

$$\sqrt[3]{314 - 17}$$

a	b	c	d	e	f
$3\sqrt[3]{7}$	$3\sqrt[3]{13}$	$3\sqrt[3]{11}$	$2\sqrt[3]{11}$	$\sqrt[3]{8}$	$5\sqrt[3]{7}$

7 Simplify the radical.

$$\sqrt[3]{375 - 55}$$

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