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

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1 Simplify the radical.

$$5\sqrt[3]{75} + 117$$

a	b	c	d	e	f
$20\sqrt[3]{6}$	$22\sqrt[3]{3}$	$18\sqrt[3]{2}$	$20\sqrt[3]{3}$	$18\sqrt[3]{5}$	19

2 Simplify the radical.

$$5\sqrt[3]{133} - 5$$

a	b	c	d	e	f
$20\sqrt[3]{2}$	20	$19\sqrt[3]{4}$	$16\sqrt[3]{3}$	$23\sqrt[3]{3}$	$20\sqrt[3]{5}$

3 Simplify the radical.

$$2\sqrt[3]{236} + 212$$

a	b	c	d	e	f
$5\sqrt[3]{9}$	$8\sqrt[3]{7}$	$10\sqrt[3]{7}$	$4\sqrt[3]{7}$	$5\sqrt[3]{8}$	$9\sqrt[3]{8}$

4 Simplify the radical.

$$5\sqrt[3]{168} - 40$$

a	b	c	d	e	f
23	18	19	$20\sqrt[3]{2}$	$17\sqrt[3]{3}$	22

5 Simplify the radical.

$$5\sqrt[3]{595} - 147$$

a	b	c	d	e	f
$19\sqrt[3]{4}$	$18\sqrt[3]{8}$	$19\sqrt[3]{10}$	$22\sqrt[3]{7}$	$19\sqrt[3]{8}$	$20\sqrt[3]{7}$

6 Simplify the radical.

$$2\sqrt[3]{19} - 3$$

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

7 Simplify the radical.

$$2\sqrt[3]{140} + 52$$

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